

R-MAMMA1002820//ESTs//5.0e-14:192:74//Hs.134635:AA226260
 R-MAMMA1002830//EST//4.0e-50:255:97//Hs.160674:AI248319
 R-MAMMA1002833//EST//1.2e-48:306:88//Hs.149580:AI281881
 R-MAMMA1002835
 R-MAMMA1002838//EST//2.7e-12:161:76//Hs.163252:AA828723
 R-MAMMA1002842//ESTs//1.7e-41:366:78//Hs.141899:N22395
 R-MAMMA1002843//Von Hippel-Lindau syndrome//8.8e-38:258:79//Hs.78160:AF0
 10238
 R-MAMMA1002844//ESTs//3.5e-51:250:99//Hs.151445:AA351081
 R-MAMMA1002858//H.sapiens ERF-1 mRNA 3' end//9.0e-101:361:91//Hs.85155:X
 79067
 R-MAMMA1002868//ESTs//2.1e-38:301:80//Hs.132717:AA171941
 R-MAMMA1002871//EST//6.0e-88:413:99//Hs.149057:AI243592
 R-MAMMA1002880//ESTs//6.5e-100:506:96//Hs.163533:N52194
 R-MAMMA1002881//EST//1.1e-40:335:80//Hs.160895:AI365871
 R-MAMMA1002886//Small inducible cytokine A5 (RANTES)//3.4e-36:228:88//Hs
 .155464:AF088219
 R-MAMMA1002887//ESTs//4.7e-87:409:99//Hs.152155:AA424811
 R-MAMMA1002890//ESTs, Weakly similar to coded for by C. elegans cDNA CEE
 SB82F [C.elegans] //4.2e-92:438:99//Hs.155871:AA533783
 R-MAMMA1002892//Homo sapiens EVI5 homolog mRNA, complete cds//4.9e-62:32
 2:80//Hs.26929:AF008915
 R-MAMMA1002895//ESTs//2.7e-32:330:76//Hs.139132:AA211087
 R-MAMMA1002908//Calcium modulating ligand//4.6e-48:313:86//Hs.13572:AF06
 8179
 R-MAMMA1002909//Human mRNA for KIAA0180 gene, partial cds//3.4e-09:132:7
 6//Hs.90981:D80002
 R-MAMMA1002930//EST//4.9e-44:260:91//Hs.149580:AI281881
 R-MAMMA1002938

R-MAMMA1002941//Human Line-1 repeat mRNA with 2 open reading frames//1.1e-83:556:85//Hs.23094:M19503

R-MAMMA1002947//ESTs//7.0e-22:222:80//Hs.103395:T79243

R-MAMMA1002964//Human mRNA for KIAA0355 gene, complete cds//1.6e-44:427:77//Hs.153014:AB002353

R-MAMMA1002970//Thromboxane A2 receptor//7.9e-48:300:84//Hs.89887:D38081

R-MAMMA1002972//ESTs, Weakly similar to KIAA0371 [H.sapiens]//9.6e-104:525:95//Hs.94396:AA399630

R-MAMMA1002973//ESTs//4.4e-40:257:87//Hs.163580:H15835

R-MAMMA1002982//ESTs//2.5e-28:115:87//Hs.141694:W15279

R-MAMMA1002987//Homo sapiens DNA fragmentation factor 40 kDa subunit (DF F40) mRNA, complete cds//2.1e-41:402:67//Hs.133089:AF064019

R-MAMMA1003003//Calcium modulating ligand//1.9e-45:380:79//Hs.13572:AF068179

R-MAMMA1003004//ESTs//3.0e-07:378:60//Hs.61885:AI127857

R-MAMMA1003007//ESTs//2.0e-47:404:80//Hs.146314:R99617

R-MAMMA1003011//ESTs, Highly similar to HISTONE MACRO-H2A.1 [Rattus norvegicus]//1.4e-53:320:90//Hs.92023:AI022248

R-MAMMA1003015//ESTs//1.5e-42:363:79//Hs.155184:AA573189

R-MAMMA1003019//ESTs//4.8e-10:232:66//Hs.111341:AA251268

R-MAMMA1003026//ESTs//2.3e-83:394:99//Hs.24668:AA897315

R-MAMMA1003031//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.5e-27:257:77//Hs.96337:AA225358

R-MAMMA1003035//ESTs//1.3e-94:481:94//Hs.92411:AA603321

R-MAMMA1003039//EST//0.56:210:61//Hs.162248:AA552160

R-MAMMA1003040//ESTs//2.1e-17:261:70//Hs.46980:W55940

R-MAMMA1003044//EST//2.4e-18:124:91//Hs.130321:AI002941

R-MAMMA1003047//ESTs//1.0e-20:209:78//Hs.15916:H12862

R-MAMMA1003049//14-3-3 PROTEIN SIGMA//0.94:184:60//Hs.2510:X57348

R-MAMMA1003055//EST//1.0e-49:281:92//Hs.149580:AI281881
R-MAMMA1003056//ESTs//0.99:107:66//Hs.30348:AI038559
R-MAMMA1003057//ESTs, Highly similar to hypothetical protein MD6 [M.musculus] //1.1e-102:545:93//Hs.13755:AA878911
R-MAMMA1003066//H.sapiens mRNA for urea transporter//8.1e-45:322:83//Hs.66710:X96969
R-MAMMA1003089//ESTs, Weakly similar to !!!! ALU SUBFAMILY SQ WARNING ENTRY !!!! [H.sapiens] //1.4e-34:421:70//Hs.161959:AA493652
R-MAMMA1003099//ESTs//1.1e-43:379:79//Hs.37573:H59651
R-MAMMA1003104//ESTs//2.1e-97:498:96//Hs.9299:T51283
R-MAMMA1003113//EST//3.7e-29:457:70//Hs.123616:AA815366
R-MAMMA1003127//ESTs//2.6e-41:283:86//Hs.146811:AA410788
R-MAMMA1003135//ESTs//7.2e-101:504:97//Hs.87729:AA863125
R-MAMMA1003140//ESTs//4.3e-44:200:89//Hs.152093:AI149537
R-MAMMA1003146//Wingless-type MMTV integration site 5A, human homolog//0.020:413:61//Hs.152213:L20861
R-MAMMA1003150
R-MAMMA1003166//ESTs, Moderately similar to PEANUT PROTEIN [Drosophila melanogaster] //2.0e-87:524:89//Hs.6884:W30736
R-NT2RM2002580//Homo sapiens clone 24781 mRNA sequence//1.6e-111:587:94//Hs.108112:AF070640
R-NT2RM4000024//ESTs//2.9e-98:523:94//Hs.26641:R59312
R-NT2RM4000027
R-NT2RM4000030//ESTs//1.6e-96:482:96//Hs.90625:T03663
R-NT2RM4000046//ESTs//1.6e-91:461:97//Hs.151237:AI186169
R-NT2RM4000061//ESTs//4.3e-31:167:97//Hs.110821:Z78379
R-NT2RM4000085//Homo sapiens clone 24700 unknown mRNA, partial cds//4.0e-113:549:97//Hs.95665:AF070639
R-NT2RM4000086//EST//2.7e-17:212:76//Hs.137041:AA877817

R-NT2RM4000104//ESTs//3.0e-85:452:94//Hs.101750:H19708
 R-NT2RM4000139//EST//3.3e-05:156:66//Hs.133228:AI052312
 R-NT2RM4000155//ESTs, Moderately similar to THREONYL-TRNA SYNTHETASE, CY
 TOPLASMIC [H.sapiens]//1.9e-99:536:92//Hs.127810:AI246301
 R-NT2RM4000156//EST//0.89:169:62//Hs.162967:AA676397
 R-NT2RM4000167//ESTs//1.0:214:61//Hs.119370:W52962
 R-NT2RM4000169//ESTs//5.4e-82:440:93//Hs.159379:AI382160
 R-NT2RM4000191//ESTs, Weakly similar to P68 PROTEIN [H.sapiens]//4.1e-99
 :542:93//Hs.6366:AA614113
 R-NT2RM4000197//ESTs//5.4e-113:567:96//Hs.22975:AA156723
 R-NT2RM4000199//ESTs//0.020:95:65//Hs.146203:AI254528
 R-NT2RM4000200//ESTs//1.4e-100:488:97//Hs.126538:AA931876
 R-NT2RM4000202//Small inducible cytokine A5 (RANTES)//4.3e-37:330:77//Hs
 .155464:AF088219
 R-NT2RM4000210//Homo sapiens mRNA for KIAA0712 protein, complete cds//1.
 7e-103:546:94//Hs.111138:AB018255
 R-NT2RM4000215
 R-NT2RM4000229//ESTs//7.1e-92:457:97//Hs.162074:AA477760
 R-NT2RM4000233//Fms-related tyrosine kinase 1 (vascular endothelial grow
 th factor/vascular permeability factor receptor)//0.00020:174:66//Hs.235
 :X51602
 R-NT2RM4000244//ESTs//6.6e-61:320:95//Hs.108646:AA613031
 R-NT2RM4000251//Homo sapiens mRNA for TRIP6 (thyroid receptor interactin
 g protein)//0.63:219:62//Hs.119498:AF000974
 R-NT2RM4000265//ESTs//8.8e-105:489:99//Hs.131001:AI378742
 R-NT2RM4000290//ESTs//4.0e-87:435:96//Hs.162592:AA594128
 R-NT2RM4000324//ESTs//2.2e-80:413:96//Hs.12313:R43673
 R-NT2RM4000327//Small inducible cytokine A5 (RANTES)//3.2e-45:286:87//Hs
 .155464:AF088219

R-NT2RM4000344//Clathrin, light polypeptide (Lcb)//8.6e-60:452:84//Hs.73
919:X81637

R-NT2RM4000349//ESTs, Weakly similar to KIAA0005 [H.sapiens]//2.5e-117:5
79:96//Hs.5216:AA534881

R-NT2RM4000354//ESTs//2.1e-85:406:99//Hs.126774:AI224479

R-NT2RM4000356//ESTs//7.9e-109:548:96//Hs.44278:AA418063

R-NT2RM4000366//Homo sapiens mRNA for KIAA0642 protein, partial cds//2.8
e-113:577:95//Hs.8152:AB014542

R-NT2RM4000368//ESTs//2.2e-61:310:97//Hs.143611:M78140

R-NT2RM4000386//ESTs, Weakly similar to tenascin-like protein [D.melanog
aster]//1.0e-93:521:92//Hs.41793:AA775879

R-NT2RM4000395//ESTs, Highly similar to HYPOTHETICAL 52.9 KD PROTEIN IN
SAP155-YMR31 INTERGENIC REGION [Saccharomyces cerevisiae]//1.9e-99:524:
94//Hs.5249:U55977

R-NT2RM4000414//EST//2.7e-06:196:64//Hs.136648:AA688285

R-NT2RM4000421//ESTs, Weakly similar to No definition line found [C.eleg
ans]//5.4e-75:470:90//Hs.69235:AA192359

R-NT2RM4000425//H.sapiens mRNA for MACH-alpha-2 protein//0.17:112:69//Hs.
.19949:X98173

R-NT2RM4000433//ESTs//2.7e-100:479:98//Hs.24553:AI150687

R-NT2RM4000457//ESTs//5.1e-107:535:95//Hs.7579:AA775865

R-NT2RM4000471//ESTs, Highly similar to NIFS-LIKE 54.5 KD PROTEIN [Sacc
haromyces cerevisiae]//6.0e-99:492:96//Hs.21090:AA418587

R-NT2RM4000486//ESTs, Moderately similar to unnamed protein product [H.s
apiens]//2.2e-102:493:97//Hs.111279:W84558

R-NT2RM4000496

R-NT2RM4000511//EST//5.1e-43:326:81//Hs.157658:AI358465

R-NT2RM4000514//ESTs//1.7e-112:552:96//Hs.6686:AA205496

R-NT2RM4000515//ESTs, Weakly similar to HYPOTHETICAL 85.0 KD PROTEIN IN

CPA2-ATP2 INTERGENIC REGION [*Saccharomyces cerevisiae*] //1.4e-60:343:93//
Hs.16014:AA074879
R-NT2RM4000520//ESTs//2.7e-55:266:100//Hs.99838:AA204731
R-NT2RM4000531//ESTs//2.0e-88:502:91//Hs.13110:T67461
R-NT2RM4000532//ESTs//0.47:290:58//Hs.148753:T91777
R-NT2RM4000534//EST//0.00025:303:60//Hs.162809:AA632198
R-NT2RM4000585//EST//0.28:63:77//Hs.150024:AI291981
R-NT2RM4000590//ESTs//5.8e-65:320:98//Hs.116017:AA613437
R-NT2RM4000595//Homo sapiens KIAA0431 mRNA, partial cds//0.99:189:64//Hs
.16349:AB007891
R-NT2RM4000603//ESTs//4.6e-68:356:96//Hs.48855:AA134589
R-NT2RM4000611//ESTs//1.5e-89:431:97//Hs.26117:W16697
R-NT2RM4000616//ESTs, Highly similar to ACETYL-COENZYME A SYNTHETASE [*Escherichia coli*] //1.4e-102:519:96//Hs.14779:N64822
R-NT2RM4000674//ESTs//5.1e-78:398:97//Hs.8268:N70144
R-NT2RM4000689//ESTs, Weakly similar to T01G9.4 [*C.elegans*] //2.9e-115:55
0:98//Hs.11820:AA205531
R-NT2RM4000698//ESTs//2.0e-17:130:87//Hs.86420:AA927510
R-NT2RM4000700
R-NT2RM4000712//EST//0.99:103:65//Hs.114039:AA701128
R-NT2RM4000717//ESTs, Highly similar to BONE MORPHOGENETIC PROTEIN 1 PR
ECURSOR [*Mus musculus*] //2.2e-103:519:95//Hs.6823:W18181
R-NT2RM4000733//ESTs//8.7e-88:429:98//Hs.72185:AA465311
R-NT2RM4000734//Homo sapiens mRNA for KIAA0760 protein, partial cds//3.6
e-105:536:95//Hs.137168:AB018303
R-NT2RM4000741//ESTs//0.99:266:58//Hs.142718:AA034046
R-NT2RM4000751//ESTs//1.6e-20:351:66//Hs.43145:AA776988
R-NT2RM4000764
R-NT2RM4000778//EST//0.066:254:61//Hs.148232:AA904174

R-NT2RM4000779//Homo sapiens mRNA for KIAA0451 protein, complete cds//9.3e-106:546:94//Hs.18586:AB007920

R-NT2RM4000787//Human melanoma antigen recognized by T-cells (MART-1) mRNA//6.5e-40:424:73//Hs.154069:U06452

R-NT2RM4000790//EST//9.0e-48:259:94//Hs.159694:AI417008

R-NT2RM4000795//Human mRNA for KIAA0067 gene, complete cds//1.0:203:63//Hs.20991:D31891

R-NT2RM4000796//ESTs//7.0e-106:506:98//Hs.43559:AI003520

R-NT2RM4000798//Human polymorphic epithelial mucin core protein mRNA, 3' end//2.5e-28:158:96//Hs.118249:M21868

R-NT2RM4000813

R-NT2RM4000820//ESTs, Weakly similar to hypothetical protein [H.sapiens] //1.3e-109:539:97//Hs.99636:AI219667

R-NT2RM4000833//ESTs, Moderately similar to ZK863.3 [C.elegans] //4.0e-112:448:99//Hs.20223:AA482031

R-NT2RM4000848//ESTs//8.1e-97:476:97//Hs.16036:AA883864

R-NT2RM4000852//ESTs//6.4e-94:467:97//Hs.11556:AI309597

R-NT2RM4000855//ESTs//2.9e-95:544:90//Hs.106525:AI283343

R-NT2RM4000887

R-NT2RM4000895//ESTs, Moderately similar to !!!! ALU SUBFAMILY SQ WARNIN G ENTRY !!!! [H.sapiens] //9.3e-96:450:99//Hs.142076:AA604514

R-NT2RM4000950//ESTs//2.6e-91:438:98//Hs.43827:AA455262

R-NT2RM4000971//EST//2.9e-96:461:99//Hs.139709:AA227887

R-NT2RM4000979//EST//1.6e-67:329:98//Hs.96927:AA349647

R-NT2RM4000996//ESTs, Weakly similar to ZINC FINGER PROTEIN 91 [H.sapiens] //1.7e-82:414:96//Hs.115342:AA650126

R-NT2RM4001002//Homo sapiens mRNA for KIAA0729 protein, partial cds//3.8e-114:545:97//Hs.19542:AB018272

R-NT2RM4001016//Homo sapiens mRNA for KIAA0639 protein, partial cds//2.5

e-114:556:97//Hs.15711:AB014539
R-NT2RM4001032//ESTs//7.8e-17:132:84//Hs.138720:N53352
R-NT2RM4001047//Homo sapiens UKLF mRNA for ubiquitous Kruppel like facto
r, complete cds//0.42:133:67//Hs.32170:AB015132
R-NT2RM4001054//ESTs//1.7e-84:404:99//Hs.116407:AA815300
R-NT2RM4001084//ESTs//3.4e-91:439:99//Hs.103177:W72798
R-NT2RM4001092//ESTs//1.4e-86:517:89//Hs.132969:Z78324
R-NT2RM4001116//EST//5.2e-57:275:100//Hs.131115:AI016962
R-NT2RM4001140//ESTs//5.5e-96:461:98//Hs.86965:AA252276
R-NT2RM4001151//ESTs//0.40:263:58//Hs.113189:R08311
R-NT2RM4001155//ESTs//8.3e-105:544:94//Hs.29647:W60848
R-NT2RM4001160//EST//7.6e-25:380:68//Hs.147405:AI209085
R-NT2RM4001187//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNIN
G ENTRY !!!! [H.sapiens] //9.2e-43:273:91//Hs.109005:N31174
R-NT2RM4001191//Cytochrome P450, 51 (lanosterol 14-alpha-demethylase)//3
.1e-32:274:70//Hs.2379:U23942
R-NT2RM4001200//ESTs//4.5e-102:494:97//Hs.31844:N32849
R-NT2RM4001203
R-NT2RM4001204//ESTs//9.8e-88:468:93//Hs.4990:T65307
R-NT2RM4001217//ESTs//1.2e-75:396:94//Hs.25042:R72410
R-NT2RM4001256//ESTs//1.0:157:62//Hs.65377:AA994677
R-NT2RM4001258//ESTs//9.6e-41:260:88//Hs.27633:N76184
R-NT2RM4001309
R-NT2RM4001313//EST//0.0022:150:66//Hs.161573:W84857
R-NT2RM4001316//ESTs//3.5e-26:139:99//Hs.23100:AI128899
R-NT2RM4001320//ESTs//1.6e-97:308:99//Hs.112024:AI042352
R-NT2RM4001340//ESTs, Highly similar to UTR4 PROTEIN [Saccharomyces cer
evisiae] //1.9e-105:522:97//Hs.18442:AI129307
R-NT2RM4001344//EST//1.1e-90:436:99//Hs.95900:AA160339

R-NT2RM4001347//EST//0.17:186:61//Hs.16751:T90476
 R-NT2RM4001371//EST//0.0069:270:62//Hs.99239:AA450211
 R-NT2RM4001382
 R-NT2RM4001384//ESTs//9.6e-91:445:98//Hs.55000:AA805507
 R-NT2RM4001410//EST//0.13:50:82//Hs.157675:AI358790
 R-NT2RM4001411//ESTs, Weakly similar to lymphocyte specific adaptor protein Lnk [M.musculus] //4.0e-102:539:94//Hs.15744:AI055859
 R-NT2RM4001412
 R-NT2RM4001414//ESTs//6.5e-35:226:88//Hs.121727:AA775895
 R-NT2RM4001437//EST//0.017:169:67//Hs.13207:F10054
 R-NT2RM4001444//ESTs, Weakly similar to ISOLEUCYL-TRNA SYNTHETASE, MITOCHONDRIAL [S.cerevisiae] //7.4e-108:544:94//Hs.7558:AA526812
 R-NT2RM4001454//ESTs//4.7e-108:517:98//Hs.32295:N32277
 R-NT2RM4001455//EST//9.6e-81:395:97//Hs.127978:AA969739
 R-NT2RM4001483//Human mRNA for KIAA0033 gene, partial cds//1.8e-58:324:85//Hs.22271:D26067
 R-NT2RM4001489//Homo sapiens mRNA for KIAA0685 protein, complete cds//7.0e-104:547:93//Hs.153121:AB014585
 R-NT2RM4001519//Histatin 1//0.53:340:59//Hs.119101:M26664
 R-NT2RM4001522//Small inducible cytokine A5 (RANTES)//8.4e-55:306:80//Hs.155464:AF088219
 R-NT2RM4001557//ESTs, Weakly similar to F11A10.4 [C.elegans] //6.1e-21:165:83//Hs.29134:H43072
 R-NT2RM4001565//ESTs//2.0e-103:483:99//Hs.121273:AA758027
 R-NT2RM4001566//Human DNA sequence from clone 1409 on chromosome Xp11.1-11.4. Contains a Inter-Alpha-Trypsin Inhibitor Heavy Chain LIKE gene, a alternatively spliced Melanoma-Associated Antigen MAGE LIKE gene and a 6-Phosphofructo-2-kinase (Fructose-2,6-bisphosphatase) LIKE pseudogene. Contains ESTs, STSs and genomic marker DXS8032//2.7e-43:446:72//Hs.4943:Z

98046

R-NT2RM4001569//ESTs//3.6e-37:186:100//Hs.86959:AA888009

R-NT2RM4001582//ESTs//1.2e-96:459:98//Hs.114432:N52946

R-NT2RM4001592

R-NT2RM4001594//ESTs//1.6e-83:404:98//Hs.134740:AA282171

R-NT2RM4001597//ESTs//6.9e-111:558:96//Hs.11408:AI358871

R-NT2RM4001605//Homo sapiens mRNA for KIAA0791 protein, complete cds//2.

1e-112:565:95//Hs.23255:AB018334

R-NT2RM4001611//EST//5.9e-74:353:99//Hs.125318:AA837079

R-NT2RM4001629//ESTs//6.1e-95:453:99//Hs.115765:AA485957

R-NT2RM4001650

R-NT2RM4001662

R-NT2RM4001666//Homo sapiens mRNA for KIAA0469 protein, complete cds//3.

6e-36:230:70//Hs.7764:AB007938

R-NT2RM4001682//EST//4.3e-68:393:90//Hs.157362:AI367496

R-NT2RM4001710//ESTs//4.3e-48:235:99//Hs.7299:AA203440

R-NT2RM4001714//ESTs//0.0014:568:58//Hs.50458:AA868686

R-NT2RM4001715//ESTs//6.5e-104:487:99//Hs.153581:AA630465

R-NT2RM4001731//ESTs, Weakly similar to No definition line found [C.elegans]//3.1e-108:563:94//Hs.18510:AA522887

R-NT2RM4001741//T3 receptor-associating cofactor-1 [human, fetal liver, mRNA, 2930 nt]//0.083:124:68//Hs.120980:S83390

R-NT2RM4001746//ESTs//6.1e-90:420:100//Hs.139003:AA948200

R-NT2RM4001754//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//5.4e-59:504:78//Hs.139107:K00629

R-NT2RM4001758//ESTs//8.9e-27:140:100//Hs.149973:AI290740

R-NT2RM4001776//Homo sapiens mRNA for KIAA0727 protein, partial cds//6.4e-24:236:80//Hs.39871:AB018270

R-NT2RM4001783//ESTs//9.9e-30:156:99//Hs.115260:AA314956

R-NT2RM4001810//ESTs//1.3e-65:346:95//Hs.131915:W22567
 R-NT2RM4001813//ESTs//5.7e-102:473:100//Hs.87574:AI089920
 R-NT2RM4001823//ESTs//3.8e-62:324:95//Hs.124109:AA888839
 R-NT2RM4001828//ESTs//1.3e-119:563:98//Hs.102397:AA706551
 R-NT2RM4001836//ESTs//5.5e-16:92:100//Hs.26996:AA551070
 R-NT2RM4001841//ESTs//1.3e-99:540:94//Hs.42322:AA082619
 R-NT2RM4001842//ESTs, Weakly similar to !!!! ALU SUBFAMILY SQ WARNING EN
 TRY !!!! [H.sapiens]//4.1e-10:274:62//Hs.161959:AA493652
 R-NT2RM4001856//ESTs, Weakly similar to contains similarity to ATP/GTP-b
 inding site motif [C.elegans]//3.0e-43:292:86//Hs.14202:N46000
 R-NT2RM4001858//ESTs//6.2e-104:495:98//Hs.118686:AA682280
 R-NT2RM4001865//Homo sapiens mRNA for atopy related autoantigen CALC//1.
 6e-120:592:97//Hs.61628:Y17711
 R-NT2RM4001876//ESTs//2.9e-98:532:92//Hs.100734:AA158252
 R-NT2RM4001880//ESTs//2.5e-29:224:86//Hs.6193:AA045149
 R-NT2RM4001905//ESTs//5.6e-109:565:95//Hs.9536:AA114178
 R-NT2RM4001922//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
 RY !!!! [H.sapiens]//1.2e-105:535:95//Hs.30991:AA994438
 R-NT2RM4001930//ESTs//4.1e-84:425:96//Hs.80042:N63143
 R-NT2RM4001938//EST//0.00040:241:60//Hs.147235:AI205893
 R-NT2RM4001940//Homo sapiens timeless homolog mRNA, complete cds//2.0e-1
 10:556:95//Hs.118631:AF098162
 R-NT2RM4001953//ESTs//5.3e-65:338:96//Hs.33718:AA453268
 R-NT2RM4001965//ESTs, Weakly similar to T14B4.2 gene product [C.elegans]
 //5.7e-62:326:95//Hs.3385:N25917
 R-NT2RM4001969//ESTs, Weakly similar to IP63 protein [R.norvegicus]//1.9
 e-21:121:98//Hs.8772:AA521097
 R-NT2RM4001979//ESTs//1.4e-96:465:98//Hs.157103:W60265
 R-NT2RM4001984

R-NT2RM4001987
 R-NT2RM4002013//EST//2.2e-14:110:90//Hs.160835:AI345528
 R-NT2RM4002018
 R-NT2RM4002034//Human mRNA for KIAA0118 gene, partial cds//9.4e-46:293:8
 7//Hs.154326:D42087
 R-NT2RM4002044//ESTs//2.8e-107:537:96//Hs.24078:W44435
 R-NT2RM4002054//ESTs//3.7e-88:482:94//Hs.4243:T78226
 R-NT2RM4002062//ESTs//1.4e-55:377:85//Hs.152592:AA587887
 R-NT2RM4002063//Calcium modulating ligand//1.8e-43:385:78//Hs.13572:AF06
 8179
 R-NT2RM4002066//Homo sapiens OPA-containing protein mRNA, complete cds//
 5.5e-42:554:68//Hs.85313:AF071309
 R-NT2RM4002067//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//
 2.3e-43:468:73//Hs.139107:K00629
 R-NT2RM4002073//ESTs, Weakly similar to very-long-chain acyl-CoA synthet
 ase [H.sapiens] //6.8e-57:290:96//Hs.109274:AA193416
 R-NT2RM4002075//ESTs//0.078:267:61//Hs.163563:AA641655
 R-NT2RM4002093//ESTs//1.2e-64:316:99//Hs.34956:AI052528
 R-NT2RM4002109//ESTs//1.0:95:69//Hs.25897:W65409
 R-NT2RM4002128//Homo sapiens mRNA for BCL9 gene//0.51:258:60//Hs.122607:
 Y13620
 R-NT2RM4002140//ESTs//5.5e-46:187:94//Hs.8737:W22712
 R-NT2RM4002145//ESTs//4.6e-70:374:94//Hs.141082:H18987
 R-NT2RM4002146//ESTs//1.9e-93:439:99//Hs.119295:AA442090
 R-NT2RM4002161//Homo sapiens laforin (EPM2A) mRNA, partial cds//1.5e-111
 :560:96//Hs.22464:AF084535
 R-NT2RM4002174//Homo sapiens LIM protein mRNA, complete cds//3.2e-46:552
 :72//Hs.154103:AF061258
 R-NT2RM4002189//ESTs//9.6e-75:352:100//Hs.98350:H15400

R-NT2RM4002194//EST//0.22:68:72//Hs.149104:AI244343
 R-NT2RM4002205//EST//0.00028:103:72//Hs.130032:AA897678
 R-NT2RM4002213//ESTs//3.3e-15:160:78//Hs.63304:W22079
 R-NT2RM4002226//ESTs, Highly similar to GTPASE ACTIVATING PROTEIN ROTUN
 D [*Drosophila melanogaster*]//5.1e-112:569:95//Hs.23900:U82984
 R-NT2RM4002251//ESTs, Weakly similar to similar to alpha-1,3-mannosyl-gl
 ycoprotein beta-1, 2-N-acetylglucosaminyltransferase [*C.elegans*]//1.1e-1
 00:544:93//Hs.27567:W72190
 R-NT2RM4002256//Small inducible cytokine A5 (RANTES)//1.0e-44:341:81//Hs
 .155464:AF088219
 R-NT2RM4002266//ESTs//2.6e-100:539:93//Hs.57976:AA535864
 R-NT2RM4002278//ESTs//1.8e-112:569:95//Hs.87281:AA128263
 R-NT2RM4002281//ESTs//4.9e-20:187:80//Hs.141203:H52638
 R-NT2RM4002287//ESTs//7.9e-84:388:94//Hs.33977:N52461
 R-NT2RM4002294
 R-NT2RM4002301//ESTs//4.5e-111:556:96//Hs.85916:AA194164
 R-NT2RM4002323//ESTs//4.5e-102:498:97//Hs.85782:AA191498
 R-NT2RM4002339//ESTs//5.0e-59:283:100//Hs.125048:AA682913
 R-NT2RM4002344//V-akt murine thymoma viral oncogene homolog 2//0.29:153:
 66//Hs.155129:M77198
 R-NT2RM4002373//Homo sapiens mRNA for KIAA0649 protein, complete cds//2.
 8e-122:593:97//Hs.26163:AB014549
 R-NT2RM4002374//ESTs//3.3e-40:505:70//Hs.95115:AA206594
 R-NT2RM4002383//ESTs//2.7e-93:455:97//Hs.134278:AA648884
 R-NT2RM4002390//ESTs//3.3e-93:481:95//Hs.48764:AA613328
 R-NT2RM4002409//ESTs, Weakly similar to coded for by *C. elegans* cDNA yk5
 2e10.5 [*C.elegans*]//1.3e-97:473:98//Hs.16464:W19606
 R-NT2RM4002438//ESTs//0.74:162:61//Hs.65377:AA994677
 R-NT2RM4002446

R-NT2RM4002452//EST//1.0:164:60//Hs.116619:AA668142
R-NT2RM4002457
R-NT2RM4002460//ESTs//3.0e-74:385:96//Hs.6933:R07890
R-NT2RM4002479//Homo sapiens RNA helicase-related protein mRNA, complete
cds//1.6e-103:507:97//Hs.8765:AF083255
R-NT2RM4002482//Homo sapiens mRNA for KIAA0691 protein, complete cds//2.
3e-32:172:98//Hs.94781:AB014591
R-NT2RM4002493//ESTs//6.4e-73:366:97//Hs.157114:T58884
R-NT2RM4002499//ESTs//3.5e-61:307:97//Hs.117737:AI088029
R-NT2RM4002504//ESTs//2.1e-55:306:94//Hs.10949:AA464464
R-NT2RM4002527//ESTs, Weakly similar to peroxisome targeting signal 2 re
ceptor [H.sapiens] //1.4e-73:360:91//Hs.31030:H50467
R-NT2RM4002532//ESTs//1.3e-21:191:78//Hs.146811:AA410788
R-NT2RM4002534//ESTs//1.8e-99:512:95//Hs.13526:AI417057
R-NT2RM4002567//ESTs//7.6e-41:272:87//Hs.7114:R24312
R-NT2RM4002571//ESTs, Highly similar to POLYPEPTIDE N-ACETYLGALACTOSAMI
NYLTRANSFERASE [Bos taurus] //2.3e-89:435:97//Hs.15830:AA165698
R-NT2RM4002593//ESTs//2.3e-109:552:96//Hs.17424:AA190569
R-NT2RM4002623//ESTs, Weakly similar to ASPARTYL-TRNA SYNTHETASE [Thermu
s aquaticus thermophilus] //9.6e-28:194:87//Hs.59346:AI126802
R-NT2RP2000001//ESTs//2.6e-80:386:99//Hs.105061:N45096
R-NT2RP2000006//Thromboxane A2 receptor//7.2e-37:253:84//Hs.89887:D38081
R-NT2RP2000008//Zinc finger protein 37a (K0X 21)//5.2e-25:366:67//Hs.544
88:X69115
R-NT2RP2000027//ESTs//9.5e-74:377:96//Hs.96557:AA286713
R-NT2RP2000040//Homo sapiens mRNA for KIAA0747 protein, partial cds//2.7
e-42:223:96//Hs.8309:AB018290
R-NT2RP2000045//Homo sapiens tumorous imaginal discs protein Tid56 homol
og (TID1) mRNA, complete cds//4.3e-64:309:98//Hs.6216:AF061749

R-NT2RP2000054//EST//1.2e-71:375:96//Hs.98835:AA435798
R-NT2RP2000056//EST//2.8e-28:342:69//Hs.135526:AI094910
R-NT2RP2000067//ESTs, Weakly similar to tenascin-like protein [D.melanogaster] //2.3e-35:199:94//Hs.41793:AA775879
R-NT2RP2000070//ESTs, Weakly similar to proto-cadherin 3 [R.norvegicus] /1.4e-78:383:98//Hs.58254:W72881
R-NT2RP2000076//EST//0.0014:227:63//Hs.136761:AA738097
R-NT2RP2000077//Homo sapiens growth arrest specific 11 (GAS11) mRNA, complete cds//1.1e-78:379:97//Hs.54877:AF050078
R-NT2RP2000079//Homo sapiens RET finger protein-like 1 antisense transcript, partial//2.9e-21:232:75//Hs.102576:AJ010230
R-NT2RP2000088//Homo sapiens mRNA for KIAA0795 protein, partial cds//1.8e-75:378:96//Hs.22926:AB018338
R-NT2RP2000091//Carcinoembryonic antigen gene family member 6//0.030:236:63//Hs.41:D90064
R-NT2RP2000097//ESTs//4.2e-15:92:97//Hs.7432:AA281757
R-NT2RP2000098//ESTs//9.0e-53:279:94//Hs.87807:AA813827
R-NT2RP2000108//EST//1.5e-75:378:96//Hs.162105:AA524419
R-NT2RP2000114//Homo sapiens mRNA for GM3 synthase, complete cds//5.8e-76:386:95//Hs.17706:AB018356
R-NT2RP2000120//ESTs, Weakly similar to HYPOTHETICAL 68.7 KD PROTEIN ZK757.1 IN CHROMOSOME III [C.elegans] //1.9e-19:153:86//Hs.5268:W22670
R-NT2RP2000126//ESTs//1.0e-55:293:95//Hs.14570:AI422099
R-NT2RP2000133//ESTs//0.24:354:59//Hs.157564:AI356513
R-NT2RP2000147//ESTs, Highly similar to CLATHRIN COAT ASSEMBLY PROTEIN AP47 [Mus musculus] //3.0e-89:457:95//Hs.3832:AI208601
R-NT2RP2000153//EST//0.0039:93:68//Hs.140386:AA773548
R-NT2RP2000157//ESTs//1.1e-53:322:91//Hs.6877:AA040820
R-NT2RP2000161//ESTs//1.6e-99:492:97//Hs.21738:AI188190

R-NT2RP2000175//ESTs//1.4e-98:489:96//Hs.4849:AI143741
R-NT2RP2000183//ESTs//9.0e-72:358:96//Hs.4856:N51373
R-NT2RP2000195//ESTs//3.9e-92:439:98//Hs.145091:AA814510
R-NT2RP2000205//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING
ENTRY !!!! [H.sapiens]//1.4e-80:415:95//Hs.11807:T86897
R-NT2RP2000224//RNA polymerase II, polypeptide C (33kD)//1.1e-57:306:94/
/Hs.79402:AC004382
R-NT2RP2000232
R-NT2RP2000233//ESTs//1.1e-08:63:96//Hs.124861:AI090683
R-NT2RP2000239//ESTs//5.3e-87:427:96//Hs.86211:AA604379
R-NT2RP2000248//ESTs, Weakly similar to O-linked GlcNAc transferase [H.s
apiens]//1.3e-95:454:99//Hs.102057:AA649005
R-NT2RP2000257//ESTs//5.1e-58:282:99//Hs.122565:AI126840
R-NT2RP2000258//EST//1.0:67:68//Hs.61812:AA035649
R-NT2RP2000270//ESTs, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOM
OLOG [Homo sapiens]//8.4e-59:298:96//Hs.16085:AI261382
R-NT2RP2000274//ESTs//7.5e-61:296:98//Hs.86081:AA196635
R-NT2RP2000288//ESTs//1.8e-56:305:93//Hs.7579:AA775865
R-NT2RP2000289
R-NT2RP2000297//ESTs, Highly similar to MKR2 PROTEIN [Mus musculus]//9.
8e-106:494:99//Hs.102951:AA574249
R-NT2RP2000298//ESTs//2.1e-62:256:90//Hs.8737:W22712
R-NT2RP2000310//Human proline dehydrogenase/proline oxidase (PRODH) mRNA
, complete cds//2.8e-39:222:93//Hs.58218:U82381
R-NT2RP2000327//Homo sapiens DNA sequence from PAC 434014 on chromosome
1q32.3.-41. Contains the HSD11B1 gene for Hydroxysteroid (11-beta) Dehyd
rogenase 1, the ADORA2BP adenosine A2b receptor LIKE pseudogene, the IRF
6 gene for Interferon Regulatory Factor 6 and two unknown genes. Contain
s ESTs and GSSs//2.9e-71:342:98//Hs.87684:AL022398

R-NT2RP2000329//ESTs, Highly similar to GTP:AMP PHOSPHOTRANSFERASE MITO
CHONDRIAL [Bos taurus]//3.4e-69:371:94//Hs.43436:N32441

R-NT2RP2000337//ESTs//5.2e-79:411:95//Hs.101799:AI276062

R-NT2RP2000346//Homo sapiens apoptosis associated protein (GADD34) mRNA,
complete cds//1.1e-47:262:94//Hs.76556:U83981

R-NT2RP2000369//ESTs//4.3e-102:531:94//Hs.15855:H98103

R-NT2RP2000414//Homo sapiens HnRNP F protein mRNA, complete cds//8.4e-09
:93:83//Hs.808:L28010

R-NT2RP2000420//ESTs//8.2e-24:142:94//Hs.144893:AI222324

R-NT2RP2000422//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA,
complete cds//4.2e-20:140:90//Hs.5819:AF102265

R-NT2RP2000438//ESTs, Weakly similar to misato [D.melanogaster]//1.3e-65
:362:93//Hs.22197:AI151425

R-NT2RP2000448//ESTs, Highly similar to HYPOTHETICAL 51.6 KD PROTEIN IN
PAP1-MRPL13 INTERGENIC REGION [Saccharomyces cerevisiae]//3.6e-75:435:9
2//Hs.21938:W81045

R-NT2RP2000459//ESTs//2.8e-95:527:93//Hs.103422:AI352013

R-NT2RP2000498//ESTs//2.3e-17:119:79//Hs.161714:AA229078

R-NT2RP2000503//ESTs//5.2e-91:438:98//Hs.152335:AI290215

R-NT2RP2000510//Homo sapiens KIAA0436 mRNA, partial cds//0.13:455:58//Hs
.110:AB007896

R-NT2RP2000516//ESTs//9.9e-63:376:89//Hs.47546:AA181348

R-NT2RP2000523

R-NT2RP2000603//Homo sapiens mRNA for KIAA0572 protein, partial cds//3.5
e-30:167:97//Hs.14409:AB011144

R-NT2RP2000617//ESTs//9.5e-103:493:98//Hs.9412:W72446

R-NT2RP2000634//Homo sapiens mRNA for KIAA0614 protein, partial cds//8.1
e-66:335:96//Hs.7314:AB014514

R-NT2RP2000644//ESTs//1.1e-18:372:63//Hs.82419:AA789222

R-NT2RP2000656//ESTs//1.0e-10:128:80//Hs.23977:AA115275
 R-NT2RP2000658//ESTs//0.31:278:59//Hs.15661:W02396
 R-NT2RP2000668//ESTs//8.2e-40:255:88//Hs.113310:R16767
 R-NT2RP2000678//ESTs//2.6e-53:271:96//Hs.23790:N99347
 R-NT2RP2000710//ESTs//0.49:190:63//Hs.145521:AI261368
 R-NT2RP2000715//EST//1.2e-87:418:99//Hs.139425:AA429279
 R-NT2RP2000731//EST//5.3e-65:322:97//Hs.136754:AA713965
 R-NT2RP2000758//ESTs//1.0:187:61//Hs.10545:N62642
 R-NT2RP2000764//ESTs//5.8e-84:485:91//Hs.121816:AA775419
 R-NT2RP2000809
 R-NT2RP2000812//ESTs//1.2e-45:231:97//Hs.121028:AA902745
 R-NT2RP2000814//ESTs//6.3e-87:433:97//Hs.145479:AA969404
 R-NT2RP2000816//ESTs//0.45:100:69//Hs.147529:AA458918
 R-NT2RP2000819
 R-NT2RP2000841//ESTs//1.9e-73:351:99//Hs.116385:AI224511
 R-NT2RP2000842//TUMOR NECROSIS FACTOR-INDUCIBLE PROTEIN TSG-6 PRECURSOR/
 /4.6e-10:247:66//Hs.29352:M31165
 R-NT2RP2000845//ESTs//2.8e-91:443:97//Hs.66810:AI206552
 R-NT2RP2000863//ESTs//4.3e-49:310:88//Hs.104336:W07345
 R-NT2RP2000880//Homo sapiens mRNA for KIAA0741 protein, complete cds//2.
 8e-43:277:89//Hs.3615:AB018284
 R-NT2RP2000892//ESTs//2.8e-50:258:96//Hs.119238:AA476267
 R-NT2RP2000931//MATRIN 3//7.2e-57:290:96//Hs.78825:AB018266
 R-NT2RP2000938//ESTs, Highly similar to HYPOTHETICAL 6.3 KD PROTEIN ZK6
 52.2 IN CHROMOSOME III [Caenorhabditis elegans]//3.9e-37:199:95//Hs.1123
 18:AA186477
 R-NT2RP2000943//Homo sapiens mRNA for KIAA0755 protein, complete cds//9.
 8e-98:494:96//Hs.19822:AB018298
 R-NT2RP2000965//EST//0.22:223:60//Hs.105703:AA487021

R-NT2RP2000970//EST//8.7e-06:255:62//Hs.149202:AI246481

R-NT2RP2000985//ESTs, Weakly similar to HYPOTHETICAL 96.8 KD PROTEIN IN
SIS2-MTD1 INTERGENIC REGION [S.cerevisiae]//7.8e-92:468:95//Hs.12124:AA5
22537

R-NT2RP2000987//ESTs//4.5e-78:419:93//Hs.21968:H97521

R-NT2RP2001036//EST//2.0e-33:148:82//Hs.163196:AA767643

R-NT2RP2001044//ESTs//5.6e-95:493:95//Hs.21958:AA453660

R-NT2RP2001065//ESTs//3.6e-28:153:96//Hs.119314:AA432108

R-NT2RP2001070//EST//0.30:94:67//Hs.94289:N73665

R-NT2RP2001094//EST//0.75:101:69//Hs.161040:H82068

R-NT2RP2001119

R-NT2RP2001127//Homo sapiens mRNA for HRIHFB2060, partial cds//1.5e-56:3
04:94//Hs.146282:AB015348

R-NT2RP2001137

R-NT2RP2001149//ESTs//5.1e-66:324:97//Hs.27475:AA704512

R-NT2RP2001168//ESTs//2.0e-98:539:92//Hs.77870:AI188145

R-NT2RP2001173//Homo sapiens mRNA for KIAA0480 protein, complete cds//1.
5e-96:490:96//Hs.26247:AB007949

R-NT2RP2001174//ESTs//2.2e-63:354:93//Hs.24266:R28287

R-NT2RP2001196//ESTs//1.4e-83:463:93//Hs.124304:AA825510

R-NT2RP2001218//ESTs//1.4e-100:506:96//Hs.93391:AI188402

R-NT2RP2001226//EST//0.0074:154:63//Hs.128612:AA909358

R-NT2RP2001233//ESTs, Highly similar to ZINC FINGER PROTEIN ZFP-36 [Hom
o sapiens]//3.7e-65:538:80//Hs.44014:AA632298

R-NT2RP2001245//ESTs//5.2e-90:447:97//Hs.14559:H92996

R-NT2RP2001268//Homo sapiens mRNA for KIAA0810 protein, partial cds//1.5
e-112:544:97//Hs.7531:AB018353

R-NT2RP2001277//ESTs//2.0e-81:387:99//Hs.13751:AA908229

R-NT2RP2001290//ESTs//2.4e-91:501:92//Hs.12600:AA044775

R-NT2RP2001295//ESTs//1.4e-70:337:99//Hs.123854:AA412665
 R-NT2RP2001312//ESTs//4.6e-53:276:95//Hs.7961:AA401205
 R-NT2RP2001327//ESTs, Moderately similar to tumor necrosis factor-alpha-induced protein B12 [H.sapiens] //2.3e-43:238:93//Hs.106632:N25679
 R-NT2RP2001328//ESTs//5.1e-99:499:96//Hs.34868:AI341138
 R-NT2RP2001347//ESTs//6.7e-05:100:77//Hs.9536:AA114178
 R-NT2RP2001378//ESTs//4.2e-83:456:93//Hs.10554:N50028
 R-NT2RP2001381//ESTs//1.1e-26:148:96//Hs.161859:AA444038
 R-NT2RP2001392//ESTs, Weakly similar to MITOCHONDRIAL LON PROTEASE HOMOLOG PRECURSOR [H.sapiens] //3.9e-74:411:93//Hs.47305:AA195153
 R-NT2RP2001394//ESTs//9.5e-54:305:93//Hs.70256:R07875
 R-NT2RP2001397//ESTs, Highly similar to G2/MITOTIC-SPECIFIC CYCLIN B2 [Mesocricetus auratus] //5.2e-97:469:97//Hs.20483:AA522505
 R-NT2RP2001420//ESTs//1.6e-49:228:88//Hs.163602:N32030
 R-NT2RP2001423//ESTs//2.0e-37:190:99//Hs.101565:R35431
 R-NT2RP2001427//EST//1.7e-11:107:84//Hs.148584:AI201728
 R-NT2RP2001436//ESTs, Weakly similar to F02D8.3 [C.elegans] //2.9e-114:55:8:97//Hs.7627:AI341556
 R-NT2RP2001440//EST//0.17:192:58//Hs.133442:AI061394
 R-NT2RP2001445//ESTs//1.1e-43:215:100//Hs.145497:AA501453
 R-NT2RP2001449//ESTs//4.1e-08:234:61//Hs.134067:AI076765
 R-NT2RP2001450//ESTs//9.5e-65:356:94//Hs.61829:AI079539
 R-NT2RP2001467//Small inducible cytokine A5 (RANTES)//1.2e-34:255:83//Hs.155464:AF088219
 R-NT2RP2001506//ESTs//2.9e-23:170:88//Hs.7147:T23513
 R-NT2RP2001511//ESTs//2.0e-08:59:100//Hs.57660:AA251146
 R-NT2RP2001520//Homo sapiens mRNA for mitochondrial carrier protein ARAL AR1//6.7e-106:545:95//Hs.4277:Y14494
 R-NT2RP2001526//ESTs//3.7e-23:295:72//Hs.8514:AF039240

R-NT2RP2001536//Homo sapiens X-ray repair cross-complementing protein 3 (XRCC3) mRNA, complete cds//1.9e-15:99:95//Hs.99742:AF035586

R-NT2RP2001560//ESTs//2.2e-58:310:94//Hs.87454:AA732816

R-NT2RP2001569//Homo sapiens mRNA, chromosome 1 specific transcript KIAA 0488//2.0e-76:387:96//Hs.67619:AB007957

R-NT2RP2001576//Human mRNA for KIAA0105 gene, complete cds//0.17:193:60//Hs.119:D14661

R-NT2RP2001581//ESTs//5.1e-08:107:78//Hs.157114:T58884

R-NT2RP2001597//EST//5.2e-22:151:88//Hs.158613:AI369995

R-NT2RP2001601//ESTs//1.5e-78:373:99//Hs.137558:AI393767

R-NT2RP2001613

R-NT2RP2001628//EST//0.99:195:60//Hs.144238:W52294

R-NT2RP2001663//ESTs//4.0e-37:282:84//Hs.12319:W56090

R-NT2RP2001677//ESTs//1.4e-44:232:96//Hs.159387:AI370845

R-NT2RP2001678//ESTs//0.91:124:60//Hs.10593:AI201336

R-NT2RP2001699//EST//0.0033:230:61//Hs.146544:AI125323

R-NT2RP2001720//ESTs//1.8e-52:255:99//Hs.101064:AA290579

R-NT2RP2001721//ESTs//7.0e-101:479:99//Hs.129750:AA987538

R-NT2RP2001740//ESTs//3.3e-76:379:96//Hs.144704:AI147100

R-NT2RP2001748//ESTs//1.4e-44:352:81//Hs.142259:AA828840

R-NT2RP2001762//Homo sapiens exonuclease 1a (EX01a) mRNA, complete cds//2.1e-105:519:96//Hs.47504:AF091754

R-NT2RP2001813//ESTs//6.3e-78:406:95//Hs.21902:R44037

R-NT2RP2001861

R-NT2RP2001869//EST//2.8e-21:173:82//Hs.130321:AI002941

R-NT2RP2001876//ESTs//6.1e-102:526:95//Hs.4944:AA533088

R-NT2RP2001883//ESTs, Weakly similar to No definition line found [C.elegans]//6.9e-110:556:95//Hs.23159:AA113849

R-NT2RP2001900//ESTs//6.9e-85:442:95//Hs.154220:AA171724

R-NT2RP2001907//ESTs//2.1e-82:432:94//Hs.142257:AA188423
 R-NT2RP2001926//EST//2.3e-24:299:71//Hs.135085:AI097268
 R-NT2RP2001936//ESTs//1.1e-45:265:92//Hs.112482:T66087
 R-NT2RP2001943//EST//1.4e-05:246:61//Hs.144096:AI032180
 R-NT2RP2001946//ESTs//3.6e-87:410:99//Hs.20242:W72594
 R-NT2RP2001947//ESTs//1.9e-55:338:88//Hs.58582:T72588
 R-NT2RP2001969
 R-NT2RP2001976//ESTs//1.2e-98:499:95//Hs.121028:AA902745
 R-NT2RP2001985//ESTs, Weakly similar to GTPASE-ACTIVATING PROTEIN SPA-1
 [M.musculus]//8.3e-15:118:89//Hs.18760:AA166678
 R-NT2RP2002025//ESTs//2.1e-82:393:98//Hs.159488:AI378233
 R-NT2RP2002032//ESTs//4.4e-98:531:91//Hs.93836:AA813332
 R-NT2RP2002033//ESTs//3.5e-43:229:96//Hs.30563:AA102627
 R-NT2RP2002041
 R-NT2RP2002046//ESTs//1.6e-101:476:99//Hs.101107:AA825938
 R-NT2RP2002047//ESTs//9.1e-85:431:95//Hs.116750:AA629895
 R-NT2RP2002058//ESTs//1.3e-31:163:99//Hs.33085:AA258068
 R-NT2RP2002066//ESTs//1.9e-87:459:93//Hs.118871:AA846091
 R-NT2RP2002070//ESTs//4.1e-63:332:96//Hs.156446:T92265
 R-NT2RP2002076//Homo sapiens clone 24804 mRNA sequence//1.7e-26:178:87//
 Hs.11039:AF052183
 R-NT2RP2002079//ESTs//1.2e-79:389:97//Hs.135214:AI350524
 R-NT2RP2002099//Homo sapiens mRNA for E1B-55kDa-associated protein//1.5e
 -60:376:89//Hs.155218:AJ007509
 R-NT2RP2002105//ESTs//8.4e-54:313:90//Hs.98702:AI123000
 R-NT2RP2002124//ESTs//6.6e-81:431:93//Hs.127326:AA525134
 R-NT2RP2002137//Deoxycytidine kinase//0.29:183:62//Hs.709:M60527
 R-NT2RP2002154//ESTs//9.6e-97:539:91//Hs.18624:AA523268
 R-NT2RP2002172//EST//0.69:53:75//Hs.156238:AI334495

R-NT2RP2002185//ESTs, Weakly similar to F15C11.2 [C.elegans] //1.4e-54:26
9:98//Hs.107201:W52859

R-NT2RP2002192//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING
ENTRY !!!! [H.sapiens] //3.9e-15:245:71//Hs.87578:AI125363

R-NT2RP2002193//ESTs//3.5e-79:453:90//Hs.76578:AI290672

R-NT2RP2002208//ESTs//2.0e-72:347:99//Hs.164028:AI003946

R-NT2RP2002219//EST//0.039:229:63//Hs.149830:AI287499

R-NT2RP2002231//ESTs//3.3e-64:337:94//Hs.79828:AA642341

R-NT2RP2002252//ESTs, Highly similar to co-repressor protein [M.musculus
] //5.4e-48:238:99//Hs.22583:AA188168

R-NT2RP2002256//Homo sapiens retinoic acid hydroxylase mRNA, complete cd
s//1.6e-15:131:83//Hs.150595:AF005418

R-NT2RP2002259//Human L-myc protein gene, complete cds//5.3e-99:548:91//
Hs.92137:M19720

R-NT2RP2002270//ESTs, Weakly similar to AF-9 PROTEIN [H.sapiens] //4.8e-1
00:550:91//Hs.4029:Z78373

R-NT2RP2002292//ESTs, Weakly similar to F13B12.1 [C.elegans] //3.2e-92:48
2:93//Hs.5570:AI377863

R-NT2RP2002312//Homo sapiens CDP-diacylglycerol synthase 2 (CDS2) mRNA,
partial cds//4.1e-103:527:94//Hs.24812:AF069532

R-NT2RP2002316//ESTs//4.2e-91:425:100//Hs.3350:AI368015

R-NT2RP2002325//Homo sapiens peroxisomal biogenesis factor (PEX11a) mRNA
, complete cds//1.2e-112:567:95//Hs.31034:AB015594

R-NT2RP2002333//ESTs//1.9e-86:483:91//Hs.155198:AA767372

R-NT2RP2002385//Homo sapiens synaptic glycoprotein SC2 spliced variant m
RNA, complete cds//1.2e-103:600:89//Hs.109051:AF038958

R-NT2RP2002394//ESTs//0.11:158:65//Hs.28792:AI343467

R-NT2RP2002408//ESTs//1.5e-51:278:93//Hs.6044:W22815

R-NT2RP2002426//Homo sapiens mRNA for KIAA0563 protein, complete cds//1.

7e-33:285:80//Hs.15731:AB011135
 R-NT2RP2002439//ESTs//3.2e-12:134:76//Hs.32246:AA464020
 R-NT2RP2002457//ESTs//4.7e-52:282:94//Hs.21968:H97521
 R-NT2RP2002464//ESTs//5.3e-27:148:98//Hs.115660:AI362230
 R-NT2RP2002475//ESTs//3.9e-85:439:94//Hs.9873:W27233
 R-NT2RP2002479//Homo sapiens mRNA for ABC transporter 7 protein, complete cds//9.9e-115:605:92//Hs.125856:AB005289
 R-NT2RP2002498//ESTs//6.3e-37:227:93//Hs.108779:N73180
 R-NT2RP2002503//ESTs//1.9e-54:358:86//Hs.57800:W60838
 R-NT2RP2002504//Homo sapiens mRNA for KIAA0791 protein, complete cds//8.5e-107:583:91//Hs.23255:AB018334
 R-NT2RP2002520//ESTs//4.2e-99:509:94//Hs.32368:AA205305
 R-NT2RP2002537//ESTs//4.2e-105:552:93//Hs.154363:AA533090
 R-NT2RP2002546//Homo sapiens clone TUA8 Cri-du-chat region mRNA//2.6e-109:570:93//Hs.49476:AF009314
 R-NT2RP2002549//DNA polymerase gamma//1.1e-35:189:86//Hs.80961:U60325
 R-NT2RP2002591//ESTs, Weakly similar to ZINC FINGER PROTEIN 84 [H.sapiens]//7.5e-118:564:97//Hs.94549:AA149547
 R-NT2RP2002595//EST//1.4e-15:101:95//Hs.129528:AA994783
 R-NT2RP2002606//ESTs//4.5e-99:475:98//Hs.45046:N40170
 R-NT2RP2002609//ESTs//1.9e-104:568:92//Hs.9175:AI184220
 R-NT2RP2002618//ESTs//0.014:493:57//Hs.96322:AA541615
 R-NT2RP2002621//EST//4.4e-36:252:84//Hs.149580:AI281881
 R-NT2RP2002643//ESTs//6.9e-32:247:74//Hs.33354:AA179944
 R-NT2RP2002672
 R-NT2RP2002701//N-acetylglucosaminidase, alpha- (Sanfilippo disease IIIB) //0.99:184:63//Hs.50727:U43572
 R-NT2RP2002706//EST//2.8e-41:148:86//Hs.161917:AA483223
 R-NT2RP2002710//EST//0.34:105:71//Hs.136747:AA749210

R-NT2RP2002727//ESTs//8.7e-68:368:94//Hs.14366:T78626
 R-NT2RP2002736//ESTs//9.7e-98:457:99//Hs.74899:AA993300
 R-NT2RP2002740//Homo sapiens mRNA for KIAA0536 protein, partial cds//0.6
 6:360:59//Hs.119139:AB011108
 R-NT2RP2002741//ESTs//3.1e-102:489:98//Hs.112024:AI042352
 R-NT2RP2002750//EST//3.6e-43:166:86//Hs.162404:AA573131
 R-NT2RP2002752//ESTs//5.0e-56:355:89//Hs.95867:M62042
 R-NT2RP2002753//ESTs//1.7e-49:262:96//Hs.49005:W89124
 R-NT2RP2002769//ESTs//1.3e-59:376:88//Hs.4046:H03587
 R-NT2RP2002778//Homo sapiens clone 24606 mRNA sequence//4.0e-65:341:94//
 Hs.17481:AF070537
 R-NT2RP2002800//ESTs//6.5e-08:79:84//Hs.153262:AA551124
 R-NT2RP2002839//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING
 ENTRY !!!! [H.sapiens]//1.6e-100:501:97//Hs.136202:AA206578
 R-NT2RP2002857//ESTs//4.3e-94:463:97//Hs.134292:AA603031
 R-NT2RP2002862//ESTs//2.3e-42:302:82//Hs.117969:H94870
 R-NT2RP2002880
 R-NT2RP2002891
 R-NT2RP2002925//ESTs//1.3e-103:564:92//Hs.142079:AA182894
 R-NT2RP2002928//ESTs//3.9e-108:502:99//Hs.29105:AA574143
 R-NT2RP2002929//ESTs//4.1e-106:499:99//Hs.44743:AA837096
 R-NT2RP2002954//ESTs//2.6e-88:417:99//Hs.100824:AI308771
 R-NT2RP2002959//ESTs//7.5e-101:489:97//Hs.32690:N57480
 R-NT2RP2002979//ESTs//5.4e-06:197:65//Hs.146726:AI147060
 R-NT2RP2002980//ESTs//1.0e-110:562:96//Hs.28444:AA083213
 R-NT2RP2002986//ESTs, Highly similar to RING CANAL PROTEIN [Drosophila
 melanogaster]//3.1e-119:578:97//Hs.106290:AI125291
 R-NT2RP2002987//Human mRNA for KIAA0331 gene, complete cds//1.0:78:74//H
 s.146395:AB002329

R-NT2RP2002993//ESTs, Weakly similar to DNA-DIRECTED RNA POLYMERASE II 1
40 KD POLYPEPTIDE [H.sapiens] //2.4e-98:467:98//Hs.86337:AA149311

R-NT2RP2003000//ESTs//0.0070:400:61//Hs.138506:U85642

R-NT2RP2003034//ESTs//9.3e-87:408:96//Hs.164042:H12594

R-NT2RP2003073//Human transporter protein (g17) mRNA, complete cds//0.95
:259:61//Hs.76460:U49082

R-NT2RP2003099//Thromboxane A2 receptor//2.6e-42:328:81//Hs.89887:D38081

R-NT2RP2003108//ESTs//2.3e-82:398:98//Hs.5105:AA115512

R-NT2RP2003117//Human mRNA for KIAA0347 gene, complete cds//2.4e-49:336:
86//Hs.101996:AB002345

R-NT2RP2003121//ESTs//2.0e-75:380:96//Hs.133127:AA133355

R-NT2RP2003125

R-NT2RP2003129//EST//0.68:115:69//Hs.122196:AA780986

R-NT2RP2003137//ESTs//2.1e-37:259:85//Hs.63169:N78506

R-NT2RP2003161//ESTs//2.5e-88:451:96//Hs.29041:W37379

R-NT2RP2003164//ESTs//4.3e-113:543:97//Hs.8980:AA629067

R-NT2RP2003165//ESTs//6.9e-83:486:89//Hs.138632:H97952

R-NT2RP2003177//ESTs//0.47:38:100//Hs.61790:AA421156

R-NT2RP2003194//ESTs//4.7e-118:582:96//Hs.27266:AA053816

R-NT2RP2003206//ESTs//0.032:388:58//Hs.122148:AA442074

R-NT2RP2003230//ESTs//8.8e-103:478:99//Hs.40140:AI079253

R-NT2RP2003237//ESTs//2.7e-76:392:96//Hs.106278:R37661

R-NT2RP2003243//ESTs//3.6e-53:300:92//Hs.118793:AA192438

R-NT2RP2003265//ESTs, Highly similar to protein NGD5 [M.musculus] //3.3e-
110:557:96//Hs.24994:AA236937

R-NT2RP2003272//ESTs, Weakly similar to F15C11.2 [C.elegans] //1.2e-34:22
8:89//Hs.107201:W52859

R-NT2RP2003277//Homo sapiens mRNA for KIAA0625 protein, partial cds//1.4
e-111:565:95//Hs.154919:AB014525

R-NT2RP2003280//ESTs//2.6e-101:541:94//Hs.6982:AA622427
R-NT2RP2003286//ESTs//1.2e-104:497:98//Hs.113052:AI222106
R-NT2RP2003293//Human mRNA for KIAA0118 gene, partial cds//9.1e-44:458:74//Hs.154326:D42087
R-NT2RP2003295//Protein serine/threonine kinase stk2//0.31:321:57//Hs.1087:L20321
R-NT2RP2003297//ESTs//3.0e-15:118:87//Hs.16621:AA098874
R-NT2RP2003308//ESTs, Moderately similar to CROOKED NECK PROTEIN [Drosophila melanogaster]//4.8e-109:553:96//Hs.26089:AA195126
R-NT2RP2003329//ESTs//0.99:208:62//Hs.143607:AI424948
R-NT2RP2003339//ESTs//1.3e-85:441:96//Hs.24115:N32618
R-NT2RP2003347//ESTs//1.5e-70:365:96//Hs.155773:AI312825
R-NT2RP2003367//EST//5.8e-80:376:100//Hs.112500:AA599014
R-NT2RP2003391//ESTs//2.8e-98:484:97//Hs.5842:AA534476
R-NT2RP2003393//ESTs//2.0e-96:510:93//Hs.75844:AA115502
R-NT2RP2003394//EST//5.2e-06:264:63//Hs.144234:W52249
R-NT2RP2003401//ESTs//6.1e-25:161:90//Hs.155360:AA984683
R-NT2RP2003433//ESTs, Highly similar to PROTEIN TRANSPORT PROTEIN SEC61 ALPHA SUBUNIT [Canis familiaris]//1.2e-106:508:98//Hs.131840:AI016073
R-NT2RP2003445//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//5.6e-21:161:70//Hs.43153:N22360
R-NT2RP2003446//ESTs, Weakly similar to C27H6.4 [C.elegans]//6.0e-105:529:96//Hs.8055:W60903
R-NT2RP2003456//ESTs//7.5e-96:449:99//Hs.25362:AI277332
R-NT2RP2003480//ESTs//1.6e-116:583:96//Hs.59757:AA176121
R-NT2RP2003499//ESTs, Weakly similar to elastin like protein [D.melanogaster]//7.0e-71:365:95//Hs.101056:R52777
R-NT2RP2003506//ESTs, Weakly similar to ORF YPL207w [S.cerevisiae]//2.3e-115:577:96//Hs.16277:N36831

R-NT2RP2003511//ESTs//1.6e-22:182:85//Hs.28249:AA203733
R-NT2RP2003513//Human mRNA for KIAA0270 gene, partial cds//1.3e-108:566:
94//Hs.78482:Y16270
R-NT2RP2003517//Platelet-derived growth factor beta polypeptide (simian
sarcoma viral (v-sis) oncogene homolog)//4.9e-62:518:79//Hs.1976:M12783
R-NT2RP2003522//ESTs//2.0e-97:462:99//Hs.24512:D60170
R-NT2RP2003533//ESTs//4.4e-45:273:78//Hs.140225:AA704101
R-NT2RP2003543//EST//1.0:80:68//Hs.65646:F13684
R-NT2RP2003559//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING
ENTRY !!!! [H.sapiens]//1.8e-58:316:94//Hs.28891:W72439
R-NT2RP2003564//ESTs//3.2e-112:528:99//Hs.53940:N46696
R-NT2RP2003581//ESTs//1.3e-88:506:93//Hs.16157:AA203719
R-NT2RP2003596//ESTs, Weakly similar to No definition line found [C.eleg
ans]//4.7e-101:495:98//Hs.34627:AA126463
R-NT2RP2003604//Homo sapiens alpha-catenin related protein (ACRP) mRNA,
complete cds//1.7e-103:501:97//Hs.58488:U97067
R-NT2RP2003629//EST//0.032:440:59//Hs.135297:AI038981
R-NT2RP2003643//ESTs, Weakly similar to HYPOTHETICAL 14.1 KD PROTEIN IN
MURZ-RPON INTERGENIC REGION [E.coli]//9.1e-62:359:92//Hs.12492:AA203188
R-NT2RP2003668//EST//9.4e-110:535:97//Hs.116279:AA628951
R-NT2RP2003687//EST//5.9e-05:196:65//Hs.139064:AA135523
R-NT2RP2003691//ESTs, Weakly similar to F59C6.9 [C.elegans]//1.0:202:62/
/Hs.65539:AI148540
R-NT2RP2003702//ESTs, Moderately similar to ovarian-specific protein [R.
norvegicus]//4.3e-99:492:96//Hs.93332:AA811920
R-NT2RP2003704//ESTs//1.0:155:63//Hs.104166:AA740246
R-NT2RP2003706//Homo sapiens mRNA for KIAA0525 protein, partial cds//8.4
e-47:265:93//Hs.78494:AB011097
R-NT2RP2003713//EST//0.81:210:59//Hs.14551:T79401

R-NT2RP2003714//ESTs//1.7e-99:495:96//Hs.158101:AI365003
 R-NT2RP2003727//Human 19.8 kDa protein mRNA, complete cds//0.84:221:60//
 Hs.2384:U18914
 R-NT2RP2003737//ESTs, Highly similar to UBIQUITIN-CONJUGATING ENZYME E2
 -17 KD [Caenorhabditis elegans] //2.4e-50:302:90//Hs.19196:W74577
 R-NT2RP2003751
 R-NT2RP2003760//ESTs//2.6e-101:548:93//Hs.115987:AA483808
 R-NT2RP2003764//ESTs//8.2e-25:134:98//Hs.64036:AA127709
 R-NT2RP2003769//ESTs//1.7e-108:545:95//Hs.56847:AA541606
 R-NT2RP2003770//Homo sapiens sperm acrosomal protein mRNA, complete cds/
 /6.0e-106:531:96//Hs.90436:AF047437
 R-NT2RP2003777//ESTs//2.6e-59:323:94//Hs.10101:AI381811
 R-NT2RP2003781//ESTs//2.0e-25:269:75//Hs.144951:N34836
 R-NT2RP2003793//ESTs//8.7e-94:466:97//Hs.93949:AA782955
 R-NT2RP2003840//ESTs//3.4e-97:533:93//Hs.16130:AA195077
 R-NT2RP2003857//H.sapiens mRNA for G9a//2.8e-23:351:65//Hs.75196:X69838
 R-NT2RP2003859//ESTs//3.0e-07:96:81//Hs.153262:AA551124
 R-NT2RP2003871//ESTs//1.9e-102:509:97//Hs.25726:AA430167
 R-NT2RP2003885//ESTs//1.0e-102:502:97//Hs.36353:AA702341
 R-NT2RP2003912//EST//1.2e-38:336:76//Hs.134975:AI094611
 R-NT2RP2003952//Homo sapiens DNA-binding protein (CROC-1B) mRNA, complet
 e cds//0.90:190:60//Hs.75875:U49278
 R-NT2RP2003968//Homo sapiens hUBP mRNA for ubiquitin specific protease,
 complete cds//7.6e-116:568:97//Hs.35086:AB014458
 R-NT2RP2003976//Homo sapiens mRNA for KIAA0447 protein, complete cds//3.
 6e-109:540:97//Hs.7302:AB007916
 R-NT2RP2003981//Homo sapiens mRNA for KIAA0804 protein, partial cds//2.5
 e-115:568:96//Hs.7316:AB018347
 R-NT2RP2003984

R-NT2RP2003986//ESTs//4.9e-36:272:82//Hs.158268:AA738087
 R-NT2RP2003988//ESTs, Weakly similar to reverse transcriptase [H.sapiens
]//3.2e-110:519:99//Hs.36093:AI149968
 R-NT2RP2004014//ESTs//8.4e-102:483:99//Hs.22867:AI417478
 R-NT2RP2004041
 R-NT2RP2004042//ESTs//1.5e-105:466:97//Hs.7296:N29706
 R-NT2RP2004066//ESTs//1.4e-110:559:96//Hs.71916:AA219699
 R-NT2RP2004081//ESTs//3.7e-105:503:98//Hs.27542:AA977204
 R-NT2RP2004098//EST//7.3e-26:203:87//Hs.21897:R41461
 R-NT2RP2004124//ESTs//1.1e-83:435:95//Hs.43299:N23036
 R-NT2RP2004142//EST//1.3e-06:165:65//Hs.146742:AI147500
 R-NT2RP2004152//ESTs//7.0e-98:455:100//Hs.17731:AI342241
 R-NT2RP2004165//ESTs, Highly similar to DYNEIN BETA CHAIN, CILIARY [Ant
 hocidaris crassispina]//1.0e-118:583:97//Hs.16520:AI224533
 R-NT2RP2004170//ESTs//6.7e-66:407:88//Hs.157138:AI348544
 R-NT2RP2004172//ESTs//1.5e-109:567:95//Hs.159091:AA033974
 R-NT2RP2004187//ESTs//3.6e-92:488:93//Hs.22954:W26589
 R-NT2RP2004194//ESTs//6.2e-114:585:95//Hs.18778:AA203167
 R-NT2RP2004196
 R-NT2RP2004207//ESTs//6.3e-102:488:98//Hs.22678:AA604756
 R-NT2RP2004226//ESTs//8.8e-18:252:71//Hs.11924:W26972
 R-NT2RP2004232//ESTs, Highly similar to protein kinase C mu [H.sapiens]/
 /5.2e-105:499:98//Hs.143460:AA483305
 R-NT2RP2004239//ESTs//1.2e-16:171:80//Hs.16134:AA203116
 R-NT2RP2004240//Homo sapiens antigen NY-CO-1 (NY-CO-1) mRNA, complete cd
 s//3.4e-103:530:93//Hs.54900:AF039687
 R-NT2RP2004242//ESTs//1.3e-85:460:93//Hs.104535:AA211483
 R-NT2RP2004245//ESTs//6.4e-117:575:97//Hs.23744:AA035744
 R-NT2RP2004270//ESTs//1.0:95:69//Hs.141371:H92187

R-NT2RP2004300//ESTs//4.4e-80:379:99//Hs.130874:AA905056
R-NT2RP2004316//Homo sapiens EXT-like protein 2 (EXTL2) mRNA, complete cds//4.7e-110:544:96//Hs.61152:AF000416
R-NT2RP2004321//ESTs//2.1e-18:104:99//Hs.107207:AA044788
R-NT2RP2004339//EST//1.4e-47:309:86//Hs.161917:AA483223
R-NT2RP2004347
R-NT2RP2004364//ESTs//1.1e-113:566:96//Hs.25880:AI268173
R-NT2RP2004365//ESTs//0.022:271:62//Hs.38897:AI129310
R-NT2RP2004366//ESTs//9.5e-71:335:100//Hs.91867:AI218624
R-NT2RP2004373//ESTs//4.2e-25:172:87//Hs.83243:N32192
R-NT2RP2004389//ESTs, Highly similar to HYPOTHETICAL 70.7 KD PROTEIN FO 9G8.3 IN CHROMOSOME III [Caenorhabditis elegans]//1.4e-11:108:82//Hs.30490:AA146916
R-NT2RP2004392//ESTs//3.4e-81:427:94//Hs.5827:AA581646
R-NT2RP2004396//EST//5.6e-06:100:77//Hs.138623:H92473
R-NT2RP2004399//EST//0.98:337:59//Hs.118446:N67900
R-NT2RP2004400//ESTs//2.1e-90:422:100//Hs.152460:AA602921
R-NT2RP2004412//ESTs//1.4e-105:503:98//Hs.15929:AA403121
R-NT2RP2004425//EST//0.00017:225:60//Hs.146935:AI168124
R-NT2RP2004476//ESTs//1.4e-88:477:94//Hs.4859:N29695
R-NT2RP2004490//Homo sapiens 3-phosphoinositide dependent protein kinase -1 (PDK1) mRNA, complete cds//8.6e-34:143:98//Hs.154729:AF017995
R-NT2RP2004512//ESTs//2.6e-91:426:100//Hs.94133:AI270700
R-NT2RP2004523//ESTs//1.6e-74:377:97//Hs.14217:R61320
R-NT2RP2004538//Thromboxane A2 receptor//1.4e-45:279:89//Hs.89887:D38081
R-NT2RP2004551//ESTs//0.47:147:66//Hs.131519:AI024347
R-NT2RP2004568//ESTs//1.3e-107:567:94//Hs.65234:AA195470
R-NT2RP2004580//ESTs//5.9e-29:156:98//Hs.147801:AI221661
R-NT2RP2004587//ESTs//1.0e-102:495:97//Hs.91662:AA781126

R-NT2RP2004594//ESTs//4.1e-56:298:95//Hs.24641:AA954666
 R-NT2RP2004600//ESTs//4.8e-67:374:93//Hs.49762:N69862
 R-NT2RP2004602//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
 RY !!!! [H.sapiens]//4.5e-07:149:76//Hs.12845:N28835
 R-NT2RP2004614//ESTs//1.0e-111:557:96//Hs.37892:N53497
 R-NT2RP2004655//Homo sapiens mRNA for leucine rich protein//2.4e-118:587
 :96//Hs.5198:AJ006291
 R-NT2RP2004664//Homo sapiens mRNA for KIAA0460 protein, partial cds//5.9
 e-107:520:96//Hs.29956:AB007929
 R-NT2RP2004675//ESTs//2.7e-82:407:97//Hs.116113:F18930
 R-NT2RP2004681//NUCLEOLIN//0.34:387:58//Hs.79110:M60858
 R-NT2RP2004689//Homo sapiens mRNA for KIAA0625 protein, partial cds//5.0
 e-120:600:96//Hs.154919:AB014525
 R-NT2RP2004709//ESTs//1.1e-106:511:98//Hs.38034:AI149793
 R-NT2RP2004710//ESTs//9.9e-87:477:93//Hs.6834:AA203433
 R-NT2RP2004736//Homo sapiens mRNA for KIAA0478 protein, complete cds//1.
 3e-118:594:96//Hs.4236:AB007947
 R-NT2RP2004743//ESTs//2.1e-48:327:88//Hs.43635:AA447015
 R-NT2RP2004767//EST//4.0e-57:328:81//Hs.142796:N51423
 R-NT2RP2004775//ESTs//9.4e-60:326:94//Hs.115339:AA136774
 R-NT2RP2004791//ESTs//3.2e-82:367:96//Hs.141911:N64013
 R-NT2RP2004799//Homo sapiens ATP-specific succinyl-CoA synthetase beta s
 ubunit (SCS) mRNA, partial cds//8.0e-116:564:96//Hs.40820:AF058953
 R-NT2RP2004802//ESTs//6.5e-111:586:94//Hs.90375:W74579
 R-NT2RP2004816//Homo sapiens H beta 58 homolog mRNA, complete cds//8.7e-
 120:584:97//Hs.67052:AF054179
 R-NT2RP2004841//EST//3.8e-31:323:74//Hs.147714:AI219906
 R-NT2RP2004861//EST//0.92:147:63//Hs.23064:R20803
 R-NT2RP2004897//ESTs//1.7e-46:390:80//Hs.139225:H96567

R-NT2RP2004936//EST//0.97:176:63//Hs.137436:AA280529
 R-NT2RP2004959//ESTs//0.059:137:64//Hs.144109:AI345543
 R-NT2RP2004961//ESTs//1.8e-87:409:100//Hs.138297:AA781941
 R-NT2RP2004962//ESTs//0.0021:292:59//Hs.145917:AI275458
 R-NT2RP2004967//Human mRNA for KIAA0118 gene, partial cds//7.4e-51:506:7
 5//Hs.154326:D42087
 R-NT2RP2004978//ESTs//0.95:138:63//Hs.13619:W93496
 R-NT2RP2004982//ESTs//7.8e-95:468:97//Hs.22545:R43910
 R-NT2RP2004985
 R-NT2RP2004999//ESTs//2.9e-94:450:98//Hs.128766:AI419902
 R-NT2RP2005000
 R-NT2RP2005001//Homo sapiens mRNA for KIAA0615 protein, complete cds//9.
 6e-113:577:95//Hs.155972:AB014515
 R-NT2RP2005003//EST//1.3e-75:387:96//Hs.140843:R42235
 R-NT2RP2005012//Homo sapiens SEC63 (SEC63) mRNA, complete cds//3.1e-116:
 568:97//Hs.31575:AF100141
 R-NT2RP2005018//ESTs//7.5e-46:280:90//Hs.126857:AA932161
 R-NT2RP2005020//ESTs//1.6e-105:554:94//Hs.14846:AA148507
 R-NT2RP2005031//EST//3.1e-79:379:99//Hs.139709:AA227887
 R-NT2RP2005037//ESTs//5.3e-102:551:93//Hs.26516:AA195220
 R-NT2RP2005038//ESTs//5.8e-101:566:92//Hs.46964:N49757
 R-NT2RP2005108
 R-NT2RP2005116//Homo sapiens mRNA for KIAA0664 protein, partial cds//2.7
 e-105:518:97//Hs.22616:AB014564
 R-NT2RP2005126//H.sapiens mRNA for RNA helicase (Myc-regulated dead box
 protein)//4.6e-69:464:85//Hs.100555:X98743
 R-NT2RP2005139//ESTs//1.0e-108:545:95//Hs.21006:AA523383
 R-NT2RP2005140//ESTs//4.3e-90:422:99//Hs.62180:AI341261
 R-NT2RP2005144//ESTs//0.91:162:62//Hs.52399:AI075744

R-NT2RP2005147//ESTs//4.6e-100:502:96//Hs.27931:AA633438
R-NT2RP2005159//ESTs//7.5e-105:533:95//Hs.109819:AI357582
R-NT2RP2005162//ESTs//6.6e-83:419:96//Hs.113998:H50648
R-NT2RP2005168//Homo sapiens mRNA for E1B-55kDa-associated protein//2.4e-101:513:95//Hs.155218:AJ007509
R-NT2RP2005204//ESTs, Weakly similar to UBIQUITIN-ACTIVATING ENZYME E1 HOMOLOG [H.sapiens]//1.9e-115:577:96//Hs.7600:H98166
R-NT2RP2005227//Homo sapiens LIM protein mRNA, complete cds//1.0e-45:359:82//Hs.154103:AF061258
R-NT2RP2005239//ESTs, Highly similar to NIFS-LIKE 54.5 KD PROTEIN [Saccharomyces cerevisiae]//1.0e-47:245:97//Hs.21090:AA418587
R-NT2RP2005254//ESTs//3.3e-111:581:94//Hs.22549:AA524503
R-NT2RP2005270//ESTs, Highly similar to HYPOTHETICAL 67.6 KD PROTEIN ZK637.3 IN CHROMOSOME III [Caenorhabditis elegans]//1.1e-79:412:95//Hs.23047:N66596
R-NT2RP2005276//ESTs//4.6e-85:426:96//Hs.24550:AA316272
R-NT2RP2005287//ESTs//1.7e-109:565:94//Hs.61976:AI279001
R-NT2RP2005288//Homo sapiens RCC1-like G exchanging factor RLG mRNA, complete cds//2.4e-125:594:98//Hs.27007:AF060219
R-NT2RP2005289//Homo sapiens mRNA for XPR2 protein//4.9e-112:545:96//Hs.44766:AJ007590
R-NT2RP2005293//ESTs//5.1e-116:538:99//Hs.62180:AI341261
R-NT2RP2005315//ESTs//1.4e-82:415:97//Hs.155829:AA018338
R-NT2RP2005325//Human LIM-homeobox domain protein (hLH-2) mRNA, complete cds//2.5e-45:272:91//Hs.1569:U11701
R-NT2RP2005336//ESTs//1.9e-93:444:99//Hs.110966:AA151699
R-NT2RP2005344//Homo sapiens GDP-L-fucose pyrophosphorylase (GFPP) mRNA, complete cds//0.011:463:58//Hs.150926:AF017445
R-NT2RP2005354//ESTs//7.2e-22:148:91//Hs.153783:H14544

R-NT2RP2005360//ESTs//0.048:225:60//Hs.7602:AA099247

R-NT2RP2005393//Homo sapiens mRNA for KIAA0761 protein, partial cds//2.9e-41:248:82//Hs.93121:AB018304

R-NT2RP2005407//ESTs, Weakly similar to OSH1 PROTEIN [Saccharomyces cerevisiae]//2.5e-75:461:88//Hs.70849:AA121697

R-NT2RP2005436//ESTs, Weakly similar to HYPOTHETICAL 37.0 KD PROTEIN B0495.8 IN CHROMOSOME II [C.elegans]//8.1e-96:491:95//Hs.7194:AI185631

R-NT2RP2005441//ESTs//1.1e-110:548:96//Hs.5209:AA780068

R-NT2RP2005453//ESTs//0.94:352:58//Hs.25870:H14423

R-NT2RP2005457//ESTs//2.1e-46:236:97//Hs.19522:AA975096

R-NT2RP2005464//ESTs//1.8e-72:349:99//Hs.44045:N51307

R-NT2RP2005465//ESTs//0.0058:322:58//Hs.127009:AI378936

R-NT2RP2005472//ESTs//0.47:309:60//Hs.144838:AI222019

R-NT2RP2005476//ESTs//5.1e-40:205:98//Hs.101577:AI168526

R-NT2RP2005490//ESTs//1.3e-70:364:96//Hs.134382:AA083573

R-NT2RP2005491//EST//0.012:220:60//Hs.144448:AA812455

R-NT2RP2005495//ESTs//1.2e-86:501:91//Hs.99445:R93540

R-NT2RP2005496//ESTs//3.2e-34:263:81//Hs.70279:AA757426

R-NT2RP2005498//ESTs, Highly similar to PROTEIN PHOSPHATASE PP2A, 55 KD REGULATORY SUBUNIT, NEURONAL ISOFORM [Oryctolagus cuniculus]//2.3e-45:284:88//Hs.85752:AI138993

R-NT2RP2005501//ESTs//2.5e-84:404:98//Hs.143812:AI141755

R-NT2RP2005509//ESTs, Highly similar to HYPOTHETICAL 37.2 KD PROTEIN C12C2.09C IN CHROMOSOME I [Schizosaccharomyces pombe]//8.2e-36:215:92//Hs.5298:AA725071

R-NT2RP2005520//Homo sapiens chromosome-associated protein-E (hCAP-E) mRNA, complete cds//3.2e-110:570:94//Hs.119023:AF092563

R-NT2RP2005525//ESTs, Weakly similar to !!!! ALU SUBFAMILY SQ WARNING EN TRY !!!! [H.sapiens]//1.3e-84:433:95//Hs.36942:AA524535

R-NT2RP2005531//EST//0.98:64:70//Hs.146573:AI139856
R-NT2RP2005539//Homo sapiens mRNA for NS1-binding protein (NS1-BP)//8.8e-108:560:94//Hs.159597:AJ012449
R-NT2RP2005540//Homo sapiens mRNA for KIAA0494 protein, complete cds//1.7e-115:583:96//Hs.62515:AB007963
R-NT2RP2005549//EST//0.61:111:62//Hs.147482:AI215572
R-NT2RP2005555//ESTs//6.6e-108:507:99//Hs.68613:AI357567
R-NT2RP2005557//ESTs//3.1e-105:495:99//Hs.105985:AA885169
R-NT2RP2005581//ESTs//1.7e-79:445:92//Hs.138152:H03240
R-NT2RP2005600//ESTs//1.3e-38:192:100//Hs.48329:W92733
R-NT2RP2005605//ESTs//7.6e-87:409:99//Hs.45005:AA975060
R-NT2RP2005620//ESTs//2.9e-96:463:97//Hs.7407:AI376788
R-NT2RP2005622//ESTs//1.8e-104:497:98//Hs.22595:AA394229
R-NT2RP2005637//EST//2.5e-20:163:71//Hs.161164:AI418211
R-NT2RP2005640//ESTs//5.0e-99:473:98//Hs.23467:AA708740
R-NT2RP2005645//ESTs//9.5e-23:231:77//Hs.5534:AA195173
R-NT2RP2005651//ESTs, Highly similar to XFIN PROTEIN [Xenopus laevis]//2.9e-103:525:96//Hs.70589:AA868470
R-NT2RP2005654//Insulin-like growth factor binding protein 2//0.94:223:60//Hs.162:X16302
R-NT2RP2005669//Homo sapiens nitrilase 1 (NIT1) mRNA, complete cds//2.7e-14:87:100//Hs.146406:AF069987
R-NT2RP2005675//Homo sapiens growth suppressor related (DOC-1R) mRNA, complete cds//5.8e-91:434:98//Hs.25664:AF089814
R-NT2RP2005683//ESTs//1.5e-98:494:96//Hs.22595:AA394229
R-NT2RP2005690//ESTs//4.8e-43:286:86//Hs.150727:AI292236
R-NT2RP2005694//EST//3.1e-82:386:100//Hs.149391:AI273643
R-NT2RP2005701//ESTs, Highly similar to BUTYROPHILIN PRECURSOR [Bos taurus]//2.8e-68:376:93//Hs.9095:AA532630

R-NT2RP2005712//Homo sapiens mRNA for KIAA0799 protein, partial cds//1.3e-105:503:98//Hs.61638:AB018342

R-NT2RP2005719//ESTs, Weakly similar to GPI-anchored protein p137 precursor [H.sapiens]//5.4e-105:500:98//Hs.14298:AI417523

R-NT2RP2005722//EST//6.5e-76:395:94//Hs.142150:AA223982

R-NT2RP2005723//ESTs//1.5e-84:452:93//Hs.91753:R44455

R-NT2RP2005726//ESTs//3.5e-64:500:82//Hs.100526:AI223153

R-NT2RP2005741//ESTs//4.7e-60:333:93//Hs.107242:R40258

R-NT2RP2005748//ESTs//3.4e-102:498:97//Hs.82660:N78064

R-NT2RP2005752//Homo sapiens TNFR-related death receptor-6 (DR6) mRNA, complete cds//4.3e-42:223:96//Hs.159651:AF068868

R-NT2RP2005753//Homo sapiens I-1 receptor candidate protein mRNA, complete cds//1.2e-104:494:98//Hs.26285:AF082516

R-NT2RP2005763//ESTs//1.1e-97:456:99//Hs.65412:AI362163

R-NT2RP2005767//ESTs//8.0e-38:204:96//Hs.18460:AA193463

R-NT2RP2005773//ESTs, Highly similar to PYRROLINE-5-CARBOXYLATE REDUCTASE [Homo sapiens]//5.4e-112:559:96//Hs.14214:AI189379

R-NT2RP2005775//ESTs, Highly similar to NEUROLYSIN PRECURSOR [Sus scrofa]//3.0e-108:544:96//Hs.22151:AI214321

R-NT2RP2005781//ESTs//1.7e-43:217:99//Hs.144391:AA365664

R-NT2RP2005784//EST//0.0071:217:60//Hs.117332:AA699724

R-NT2RP2005804//ESTs//8.8e-107:512:98//Hs.15496:W44398

R-NT2RP2005812//ESTs//9.0e-76:359:99//Hs.113937:AI298746

R-NT2RP2005815//ESTs//5.5e-76:363:99//Hs.136230:AA594981

R-NT2RP2005835//ESTs//1.5e-100:541:94//Hs.86813:N25122

R-NT2RP2005841//ESTs//2.8e-105:556:92//Hs.69993:AA628403

R-NT2RP2005853//EST//2.0e-13:219:70//Hs.134016:AI076062

R-NT2RP2005857//ESTs//1.0e-115:576:96//Hs.30663:AI338462

R-NT2RP2005859//ESTs//7.3e-116:571:97//Hs.85986:AA195105

R-NT2RP2005868//EST//0.00023:320:61//Hs.149689:AI284133
 R-NT2RP2005890//ESTs//1.0e-96:466:98//Hs.122579:AA766315
 R-NT2RP2005901//ESTs//8.3e-116:548:98//Hs.66296:AI125268
 R-NT2RP2005908//ESTs, Weakly similar to weakly similar to gastrula zinc
 finger protein [C.elegans]//2.4e-73:397:94//Hs.16667:T92427
 R-NT2RP2005933//ESTs, Highly similar to nucleoporin p54 [R.norvegicus]//
 2.8e-114:560:97//Hs.9082:AA873170
 R-NT2RP2005942//ESTs//5.6e-117:582:96//Hs.146123:AI338419
 R-NT2RP2005980//ESTs//6.9e-101:478:98//Hs.43145:AA776988
 R-NT2RP2006023//Homo sapiens PYRIN (MEFV) mRNA, complete cds//8.5e-51:39
 8:80//Hs.113283:AF018080
 R-NT2RP2006038//ESTs//0.025:284:59//Hs.97852:AA404347
 R-NT2RP2006043//ESTs, Weakly similar to HYPOTHETICAL 37.0 KD PROTEIN B04
 95.8 IN CHROMOSOME II [C.elegans]//1.2e-50:278:94//Hs.7194:AI185631
 R-NT2RP2006052//ESTs//5.0e-52:272:95//Hs.99545:AA461492
 R-NT2RP2006069//ESTs//1.8e-90:495:93//Hs.43654:AA522714
 R-NT2RP2006071//ESTs//1.5e-38:218:94//Hs.107882:W72093
 R-NT2RP2006098//ESTs//2.9e-105:540:95//Hs.26860:N56918
 R-NT2RP2006100//Human organic anion transporting polypeptide (OATP) mRNA
 , complete cds//0.031:254:62//Hs.46440:U21943
 R-NT2RP2006103//ESTs//1.5e-86:416:98//Hs.152114:AA401365
 R-NT2RP2006141//ESTs//5.3e-88:432:98//Hs.77480:AA100522
 R-NT2RP2006166//Homo sapiens LIM protein mRNA, complete cds//2.8e-17:255
 :72//Hs.154103:AF061258
 R-NT2RP2006184//ESTs//8.4e-101:487:98//Hs.58009:W69435
 R-NT2RP2006186//Homo sapiens mRNA for KIAA0654 protein, partial cds//6.1
 e-110:553:95//Hs.109299:AB014554
 R-NT2RP2006196//Human clone 23960 mRNA sequence//0.0037:48:100//Hs.15129
 3:U79276

R-NT2RP2006200//ESTs//6.5e-77:398:96//Hs.163953:R01398
 R-NT2RP2006219//H.sapiens mRNA for DGCR6 protein//1.2e-94:532:90//Hs.153
 910:X96484
 R-NT2RP2006237//ESTs//1.2e-57:305:95//Hs.86149:AI341312
 R-NT2RP2006238//ESTs, Highly similar to ra8 [R.norvegicus]//1.5e-29:183:
 91//Hs.4048:AA404253
 R-NT2RP2006258//ESTs//3.2e-87:462:94//Hs.141556:N49928
 R-NT2RP2006261//ESTs//3.4e-57:326:92//Hs.22523:W02999
 R-NT2RP2006312//Homo sapiens BAF57 (BAF57) gene, complete cds//4.7e-96:4
 81:97//Hs.3404:AF035262
 R-NT2RP2006320//EST//3.4e-21:335:65//Hs.141603:N66015
 R-NT2RP2006321//ESTs, Moderately similar to karyopherin beta 3 [H.sapien
 s]//1.9e-89:460:96//Hs.21889:N78664
 R-NT2RP2006323//ESTs//3.5e-91:439:98//Hs.61697:AI081771
 R-NT2RP2006333//ESTs//4.9e-38:301:82//Hs.155999:AA196412
 R-NT2RP2006334//EST//3.1e-45:264:91//Hs.149599:AI282321
 R-NT2RP2006365//ESTs//2.9e-81:417:95//Hs.11814:W44411
 R-NT2RP2006393//Cytochrome P450, subfamily I (aromatic compound-inducibl
 e), polypeptide 2//3.9e-48:403:77//Hs.1361:M55053
 R-NT2RP2006436//Homo sapiens mRNA for small GTP-binding protein, complet
 e cds//1.4e-27:155:76//Hs.115325:D84488
 R-NT2RP2006441//ESTs//6.0e-108:529:97//Hs.101282:N45092
 R-NT2RP2006454//ESTs//9.2e-20:110:99//Hs.144687:AI341146
 R-NT2RP2006456//ESTs//7.1e-91:508:92//Hs.12488:W63595
 R-NT2RP2006464//Homo sapiens mRNA for AND-1 protein//2.1e-109:524:97//Hs
 .72160:AJ006266
 R-NT2RP2006467//EST//0.99:140:61//Hs.146958:AI174478
 R-NT2RP2006472//ESTs//3.3e-92:473:95//Hs.29216:AA916679
 R-NT2RP2006534//ESTs//1.2e-83:394:99//Hs.162116:AA524947

R-NT2RP2006554//ESTs//1.0e-87:460:95//Hs.47095:AA181474
 R-NT2RP2006565//ESTs//3.2e-24:129:100//Hs.13499:AI299886
 R-NT2RP2006571//ESTs//2.6e-56:306:94//Hs.98370:AA316622
 R-NT2RP2006573//ESTs//2.0e-112:533:98//Hs.18685:AI393829
 R-NT2RP2006598//ESTs, Weakly similar to retinoid X receptor interacting
 protein [M.musculus]//4.1e-109:542:97//Hs.7889:AI337112
 R-NT2RP3000002//ESTs//1.3e-08:399:59//Hs.126044:AI301598
 R-NT2RP3000031//Homo sapiens mRNA for histone deacetylase-like protein (JM21)//1.9e-116:560:97//Hs.6764:AJ011972
 R-NT2RP3000046//Small inducible cytokine A5 (RANTES)//1.9e-57:312:85//Hs.155464:AF088219
 R-NT2RP3000047//EST//0.91:130:66//Hs.140208:AA702213
 R-NT2RP3000050//ESTs, Weakly similar to putative p150 [H.sapiens]//3.1e-41:249:90//Hs.156155:AI222202
 R-NT2RP3000055//EST//2.4e-19:146:86//Hs.160497:AI255095
 R-NT2RP3000072//ESTs//2.2e-82:424:96//Hs.21542:N49574
 R-NT2RP3000080//ESTs//2.1e-29:186:89//Hs.153372:AA424029
 R-NT2RP3000085//ESTs//4.5e-101:482:98//Hs.47649:AA838715
 R-NT2RP3000109//ESTs//9.5e-97:455:99//Hs.17731:AI342241
 R-NT2RP3000134//EST//4.7e-106:497:99//Hs.125531:AA884000
 R-NT2RP3000142//Homo sapiens mRNA for KIAA0592 protein, partial cds//1.2e-116:578:96//Hs.13273:AB011164
 R-NT2RP3000149//ESTs//7.7e-62:361:90//Hs.6649:N93418
 R-NT2RP3000186
 R-NT2RP3000197//ESTs//1.5e-75:436:91//Hs.140931:R51882
 R-NT2RP3000207//ESTs//1.3e-98:468:98//Hs.126908:AA933091
 R-NT2RP3000220//ESTs//2.2e-27:144:99//Hs.106861:R61306
 R-NT2RP3000233//EST//7.8e-77:368:99//Hs.49075:N64817
 R-NT2RP3000235//ESTs//0.43:82:74//Hs.132828:AI032819

R-NT2RP3000247//EST//2.2e-97:459:99//Hs.127928:AA969239
R-NT2RP3000251
R-NT2RP3000252//ESTs, Weakly similar to Lpg15p [S.cerevisiae] //2.0e-108:
532:97//Hs.111086:AI379177
R-NT2RP3000255//EST//0.67:93:67//Hs.120579:AA743073
R-NT2RP3000267//ESTs//8.5e-108:542:95//Hs.24984:AA534446
R-NT2RP3000299//ESTs, Weakly similar to enhancer of filamentation 1 [H.sa
piens] //3.6e-103:516:96//Hs.4894:AI191323
R-NT2RP3000312//ESTs//1.3e-100:493:97//Hs.29379:AI094117
R-NT2RP3000320//ESTs//3.2e-95:538:91//Hs.118793:AA192438
R-NT2RP3000324
R-NT2RP3000333//ESTs//6.0e-39:194:100//Hs.119238:AA476267
R-NT2RP3000341//ESTs//0.51:251:61//Hs.94090:AA777689
R-NT2RP3000348//EST//1.8e-80:389:98//Hs.145944:AI276225
R-NT2RP3000350//ESTs, Weakly similar to Lpg15p [S.cerevisiae] //3.1e-110:
556:96//Hs.111086:AI379177
R-NT2RP3000359//EST//4.9e-61:340:92//Hs.126495:AA913741
R-NT2RP3000361//ESTs, Weakly similar to PRE-MRNA SPLICING FACTOR PRP6 [S
.cerevisiae] //4.8e-91:439:97//Hs.31334:AI144423
R-NT2RP3000366//EST//0.20:392:57//Hs.149652:AI283303
R-NT2RP3000397//EST//8.7e-26:150:94//Hs.124617:AA855106
R-NT2RP3000403//Homo sapiens formin binding protein 21 mRNA, complete cd
s//4.2e-111:529:98//Hs.28307:AF071185
R-NT2RP3000418//EST//3.3e-09:202:67//Hs.117189:AA682947
R-NT2RP3000433
R-NT2RP3000439//ESTs//3.1e-79:426:92//Hs.26548:W26340
R-NT2RP3000441//ESTs//6.3e-84:420:97//Hs.137482:AA421254
R-NT2RP3000449//ESTs//4.9e-93:435:99//Hs.54617:AI379102
R-NT2RP3000451//ESTs//2.3e-89:439:97//Hs.9196:AA748492

R-NT2RP3000456//Homo Sapiens (clone B3B3E13) chromosome 4p16.3 DNA fragment//1.8e-23:347:70//Hs.114963:L34408

R-NT2RP3000484//Heparin cofactor II//0.98:166:62//Hs.1478:M58600

R-NT2RP3000487//ESTs//0.012:384:60//Hs.88684:AA885141

R-NT2RP3000512//Homeo box B3//2.0e-69:377:93//Hs.49931:X16667

R-NT2RP3000526//ESTs//1.6e-91:432:99//Hs.38042:AA187151

R-NT2RP3000527//ESTs//1.2e-100:518:94//Hs.104557:AI078161

R-NT2RP3000531//ESTs, Weakly similar to TH1 protein [D.melanogaster]//0.95:85:71//Hs.5184:AA709151

R-NT2RP3000542//ESTs//2.6e-53:375:84//Hs.44158:N30180

R-NT2RP3000561//EST//1.1e-13:170:75//Hs.148421:AI198036

R-NT2RP3000562//Human mRNA for KIAA0233 gene, complete cds//0.97:141:68//Hs.79077:D87071

R-NT2RP3000578//ESTs//2.6e-68:324:100//Hs.5445:AA779447

R-NT2RP3000582//ESTs//2.1e-25:131:80//Hs.152465:AA563785

R-NT2RP3000584//ESTs//1.8e-97:460:99//Hs.120698:AI241511

R-NT2RP3000590//ESTs//2.0e-97:453:100//Hs.105355:AA953817

R-NT2RP3000592//ESTs//2.8e-91:432:99//Hs.144304:AI190916

R-NT2RP3000596//Human mRNA for KIAA0314 gene, partial cds//1.5e-09:447:58//Hs.155045:AB002312

R-NT2RP3000599//ESTs//3.8e-93:437:99//Hs.23971:AA829880

R-NT2RP3000605//ESTs//4.2e-111:554:96//Hs.40780:AA422049

R-NT2RP3000622//ESTs//2.0e-100:473:99//Hs.11387:AI127394

R-NT2RP3000624//ESTs, Weakly similar to KIAA0256 [H.sapiens]//5.4e-115:545:98//Hs.4857:AI090739

R-NT2RP3000628//Homo sapiens mRNA for KIAA0772 protein, complete cds//4.3e-49:397:80//Hs.15519:AB018315

R-NT2RP3000632//ESTs, Moderately similar to cyclin-selective ubiquitin carrier protein [H.sapiens]//6.3e-92:434:99//Hs.152517:AA719022

R-NT2RP3000644//ESTs//1.0e-44:306:84//Hs.155498:W27084
 R-NT2RP3000661//ESTs//3.1e-95:470:97//Hs.126069:W76185
 R-NT2RP3000665//ESTs//3.3e-95:503:94//Hs.34313:W81185
 R-NT2RP3000685//ESTs//2.7e-99:515:94//Hs.9711:R60873
 R-NT2RP3000690//ESTs//3.3e-88:414:99//Hs.146589:AI085578
 R-NT2RP3000736
 R-NT2RP3000742//ESTs, Highly similar to 1-PHOSPHATIDYLINOSITOL-4,5-BISP
 HOSPHATE PHOSPHODIESTERASE DELTA 1 [Rattus norvegicus]//1.8e-07:114:75//
 Hs.136065:W21960
 R-NT2RP3000753//ESTs//3.1e-99:461:100//Hs.150901:AI310447
 R-NT2RP3000759//ESTs//2.0e-74:384:95//Hs.104222:AA207243
 R-NT2RP3000815//ESTs//8.5e-97:455:99//Hs.158897:AI378583
 R-NT2RP3000825//EST//0.0089:343:59//Hs.42897:N20810
 R-NT2RP3000826//EST//3.4e-33:342:74//Hs.162236:AA551582
 R-NT2RP3000836//ESTs//6.8e-24:181:84//Hs.134464:AI151081
 R-NT2RP3000841//ESTs//4.5e-93:491:93//Hs.23618:H98082
 R-NT2RP3000845//ESTs//2.4e-88:473:93//Hs.8312:AA813022
 R-NT2RP3000847//ESTs//9.3e-89:460:95//Hs.154106:AI051657
 R-NT2RP3000850
 R-NT2RP3000852//Fibrillin 2//0.55:237:63//Hs.79432:U03272
 R-NT2RP3000859//ESTs//1.4e-96:509:94//Hs.7187:AA576895
 R-NT2RP3000865//EST//4.8e-23:461:66//Hs.162088:AA505741
 R-NT2RP3000868//ESTs//5.4e-78:430:93//Hs.102796:N70837
 R-NT2RP3000869//ESTs//8.5e-77:397:94//Hs.84484:AI014673
 R-NT2RP3000875//Mevalonate kinase//3.8e-78:531:84//Hs.75138:M88468
 R-NT2RP3000901//ESTs//2.1e-95:466:97//Hs.10647:AA428217
 R-NT2RP3000904//ESTs//1.6e-79:380:99//Hs.100850:AA479385
 R-NT2RP3000917//ESTs, Highly similar to mouse Dhml protein [M.musculus]/
 /9.5e-113:566:96//Hs.5900:AA035728

R-NT2RP3000919

R-NT2RP3000968//40S RIBOSOMAL PROTEIN S15A//1.5e-25:375:71//Hs.2953:X844
07

R-NT2RP3000980//ESTs//3.3e-72:364:96//Hs.9536:AA114178

R-NT2RP3000994//ESTs//3.5e-111:537:97//Hs.21146:AA683542

R-NT2RP3001004//ESTs//9.6e-91:456:96//Hs.58974:W87405

R-NT2RP3001007//ESTs//6.7e-99:482:97//Hs.117737:AI088029

R-NT2RP3001055//ESTs//0.0012:294:60//Hs.66479:AA863044

R-NT2RP3001057//ESTs, Highly similar to ZINC FINGER PROTEIN HF.12 [Homo
sapiens] //5.6e-102:486:99//Hs.145956:AA007349

R-NT2RP3001081//Retinal pigment epithelium-specific protein (65kD)//0.00
12:447:58//Hs.2133:U18991

R-NT2RP3001084//ESTs//4.3e-102:528:96//Hs.25277:W87874

R-NT2RP3001096//ESTs//1.1e-110:540:96//Hs.42824:AA873182

R-NT2RP3001107//ESTs//7.6e-100:478:98//Hs.99669:AA287832

R-NT2RP3001109//DNA polymerase gamma//0.0014:50:100//Hs.80961:U60325

R-NT2RP3001111//ESTs, Weakly similar to Trf-proximal protein [D.melanoga
ster] //3.2e-104:543:95//Hs.93796:C06063

R-NT2RP3001113//ESTs//3.3e-100:467:99//Hs.97757:AA401575

R-NT2RP3001115//Oxytocin receptor//7.9e-30:505:67//Hs.2820:X64878

R-NT2RP3001116//ESTs//4.6e-41:229:96//Hs.58412:W74779

R-NT2RP3001119//ESTs//6.9e-88:478:92//Hs.19469:AA203180

R-NT2RP3001120//ESTs//3.1e-82:430:93//Hs.110956:AI190166

R-NT2RP3001126//ESTs//4.4e-52:264:96//Hs.25264:R78188

R-NT2RP3001133//ESTs//4.7e-105:541:94//Hs.73239:AA573761

R-NT2RP3001140//Homo sapiens mRNA for KIAA0762 protein, partial cds//2.6
e-115:549:97//Hs.5378:AB018305

R-NT2RP3001147//ESTs, Highly similar to GTPASE ACTIVATING PROTEIN ROTUN
D [Drosophila melanogaster] //9.6e-113:552:97//Hs.23900:U82984

R-NT2RP3001150//ESTs//2.9e-90:444:97//Hs.99601:AA760717
R-NT2RP3001155//Homo sapiens mRNA for AND-1 protein//9.4e-118:563:98//Hs.72160:AJ006266
R-NT2RP3001176//ESTs//1.8e-110:534:98//Hs.58650:AI074460
R-NT2RP3001214//ESTs//1.7e-109:545:96//Hs.24481:AA573139
R-NT2RP3001216//EST//0.00098:128:66//Hs.160493:AI254963
R-NT2RP3001221//EST//0.010:106:66//Hs.147774:AI221196
R-NT2RP3001232//ESTs//1.5e-101:518:94//Hs.21630:AA778399
R-NT2RP3001236//ESTs, Highly similar to KIAA0377 [H.sapiens]//2.8e-89:462:95//Hs.116793:AA779588
R-NT2RP3001239//ESTs, Moderately similar to NEURAXIN [Rattus norvegicus]//5.2e-82:466:91//Hs.66048:AA524416
R-NT2RP3001245//EST//0.53:237:62//Hs.161131:AI417631
R-NT2RP3001253//ESTs//1.7e-105:535:96//Hs.42315:AI222997
R-NT2RP3001260//EST//0.16:144:62//Hs.126856:AA932135
R-NT2RP3001268//Human Aac11 (aac11) mRNA, complete cds//0.12:494:59//Hs.151031:U83857
R-NT2RP3001272//ESTs//1.4e-92:436:99//Hs.149831:AI383965
R-NT2RP3001274//ESTs//3.9e-81:424:95//Hs.113184:N25651
R-NT2RP3001281//EST//3.1e-60:298:98//Hs.149230:AI247332
R-NT2RP3001307//EST//0.42:215:62//Hs.126165:AA868691
R-NT2RP3001318//ESTs//4.1e-74:363:97//Hs.130832:H92571
R-NT2RP3001325//ESTs//1.7e-106:534:96//Hs.21214:H98989
R-NT2RP3001338//Human protein tyrosine phosphatase sigma mRNA, complete cds//0.22:199:63//Hs.159534:U35234
R-NT2RP3001339//Homo sapiens mRNA for KIAA0451 protein, complete cds//3.9e-114:566:96//Hs.18586:AB007920
R-NT2RP3001340//ESTs//1.1e-72:411:92//Hs.21135:W81653
R-NT2RP3001355//ESTs//9.0e-103:521:95//Hs.99486:AA776798

R-NT2RP3001374//ESTs//2.7e-82:395:98//Hs.117102:AA993090
 R-NT2RP3001383//ESTs//3.6e-10:118:78//Hs.111055:AA169778
 R-NT2RP3001384//ESTs, Weakly similar to A-kinase anchor protein 95, AKAP
 95 [R.norvegicus] //5.7e-92:522:90//Hs.96200:AA218942
 R-NT2RP3001392//ESTs//5.9e-62:296:100//Hs.125034:AA907375
 R-NT2RP3001396//ESTs//3.7e-111:528:98//Hs.22612:AA152232
 R-NT2RP3001398//ESTs//2.6e-94:449:99//Hs.146332:AI276628
 R-NT2RP3001399//ESTs//2.6e-82:401:97//Hs.7932:AI041186
 R-NT2RP3001407//ESTs//2.2e-101:488:97//Hs.71573:AA496898
 R-NT2RP3001420//EST//7.4e-44:394:79//Hs.137041:AA877817
 R-NT2RP3001426//Homo sapiens clone 24616 mRNA sequence//3.6e-106:550:94/
 /Hs.6957:AF052158
 R-NT2RP3001427//ESTs//1.3e-87:374:97//Hs.5457:H05692
 R-NT2RP3001428//Neurotrophic tyrosine kinase, receptor, type 1//4.7e-96:
 533:91//Hs.85844:X66397
 R-NT2RP3001432//ESTs//1.9e-102:523:95//Hs.132978:AI041374
 R-NT2RP3001447//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING
 ENTRY !!!! [H.sapiens] //5.1e-101:482:98//Hs.124135:AA910560
 R-NT2RP3001449//ESTs//2.2e-99:502:96//Hs.7834:N45994
 R-NT2RP3001453//Small inducible cytokine A5 (RANTES)//8.1e-45:295:85//Hs
 .155464:AF088219
 R-NT2RP3001457//ESTs//1.5e-52:256:99//Hs.117982:AA644658
 R-NT2RP3001459//ESTs//3.4e-62:299:99//Hs.146098:AA167280
 R-NT2RP3001472//ESTs//4.8e-108:540:96//Hs.69594:N37009
 R-NT2RP3001490//ESTs//3.5e-91:549:88//Hs.6606:AA211783
 R-NT2RP3001495//Human oxidoreductase (HHCMA56) mRNA, complete cds//1.4e-
 61:338:93//Hs.519:U13395
 R-NT2RP3001497//Homo sapiens multiple membrane spanning receptor TRC8 (T
 RC8) mRNA, complete cds//6.8e-112:549:97//Hs.28285:AF064801

R-NT2RP3001527//ESTs//4.4e-105:543:95//Hs.158761:AA631047
R-NT2RP3001529//Homo sapiens tapasin (NGS-17) mRNA, complete cds//7.9e-5
9:427:83//Hs.5247:AF029750
R-NT2RP3001538//ESTs//1.6e-94:521:92//Hs.6846:AA209463
R-NT2RP3001554//ESTs, Moderately similar to NEURAXIN [Rattus norvegicus
]//2.8e-76:392:95//Hs.66048:AA524416
R-NT2RP3001580//ESTs//3.7e-82:398:98//Hs.23490:N49477
R-NT2RP3001587//Homa sapiens mRNA for HRIHFB2115, partial cds//1.8e-09:8
6:88//Hs.4311:AB015337
R-NT2RP3001589//ESTs//0.0029:243:62//Hs.158924:AA605194
R-NT2RP3001607//EST//0.00096:76:78//Hs.140319:AA748328
R-NT2RP3001608//ESTs//3.8e-105:525:96//Hs.144655:AI279798
R-NT2RP3001621//ESTs//3.3e-108:535:97//Hs.47378:AI193598
R-NT2RP3001629
R-NT2RP3001634//Homo sapiens TRIAD1 type I mRNA, complete cds//2.7e-109:
541:96//Hs.9899:AF099149
R-NT2RP3001642//ESTs//6.0e-105:525:96//Hs.3376:AA915989
R-NT2RP3001646//ESTs//4.8e-95:523:92//Hs.64036:AA127709
R-NT2RP3001671//ESTs//0.0013:367:60//Hs.106090:AA457030
R-NT2RP3001672//ESTs//3.4e-37:191:98//Hs.57475:AI382189
R-NT2RP3001676//ESTs//1.5e-81:408:97//Hs.142547:N67648
R-NT2RP3001678//ESTs//4.3e-85:405:99//Hs.121915:AI268225
R-NT2RP3001679//ESTs//3.4e-100:545:93//Hs.5943:AI222558
R-NT2RP3001688//Human mRNA for KIAA0392 gene, partial cds//8.6e-46:301:8
7//Hs.40100:AB002390
R-NT2RP3001690//ESTs//3.3e-111:542:97//Hs.86149:AI341312
R-NT2RP3001708//ESTs//1.4e-96:349:95//Hs.17975:AA868618
R-NT2RP3001712//ESTs//9.3e-14:102:92//Hs.78041:N29669
R-NT2RP3001716//ESTs, Highly similar to BONE MORPHOGENETIC PROTEIN 1 PR

ECURSOR [Mus musculus]//4.1e-80:444:91//Hs.6823:W18181
R-NT2RP3001724//ESTs//1.8e-109:547:96//Hs.14570:AI422099
R-NT2RP3001730//ESTs//4.1e-98:528:92//Hs.155115:AA669923
R-NT2RP3001739//ESTs//4.4e-87:444:94//Hs.27239:W27810
R-NT2RP3001752//ESTs//6.1e-93:490:94//Hs.4210:AA740440
R-NT2RP3001753//ESTs//2.5e-82:395:99//Hs.126435:AA912968
R-NT2RP3001764//ESTs, Weakly similar to protein-tyrosine phosphatase [H. sapiens]//1.2e-87:450:96//Hs.20281:N92517
R-NT2RP3001777//ESTs//1.1e-86:360:97//Hs.100530:H06725
R-NT2RP3001782//Homo sapiens mRNA for KIAA0459 protein, partial cds//4.2e-113:549:97//Hs.28169:AB007928
R-NT2RP3001792//ESTs, Weakly similar to F35C12.2 [C.elegans]//1.1e-21:119:99//Hs.44268:AA455900
R-NT2RP3001799//OX40L RECEPTOR PRECURSOR//2.8e-45:374:79//Hs.129780:X75962
R-NT2RP3001819//ESTs//2.6e-87:432:96//Hs.10414:AI291292
R-NT2RP3001844//ESTs//0.024:128:67//Hs.25131:N50117
R-NT2RP3001854//ESTs//1.4e-92:490:92//Hs.15165:N52900
R-NT2RP3001855//ESTs//1.9e-66:361:93//Hs.10043:D81792
R-NT2RP3001896//ESTs//1.4e-96:343:97//Hs.24809:N73642
R-NT2RP3001898//ESTs//4.1e-90:515:91//Hs.4867:AA521180
R-NT2RP3001915//ESTs//4.4e-32:175:95//Hs.24641:AA954666
R-NT2RP3001926//ESTs, Highly similar to NUCLEOLYSIN TIA-1 [Homo sapiens]//1.0e-40:202:100//Hs.24709:AI123300
R-NT2RP3001929//ESTs//6.6e-84:449:94//Hs.26962:AA682781
R-NT2RP3001931//ESTs//1.0e-41:214:99//Hs.32360:AA534737
R-NT2RP3001938//ESTs, Highly similar to SPORULATION-SPECIFIC PROTEIN 1 [Saccharomyces cerevisiae]//1.3e-95:483:96//Hs.5771:W74591
R-NT2RP3001943//ESTs//1.2e-23:169:88//Hs.103930:AA160990

R-NT2RP3001944//ESTs//2.0e-90:439:97//Hs.103380:AI291325
 R-NT2RP3001969//ESTs//0.95:133:65//Hs.131669:AI025889
 R-NT2RP3001989//ESTs, Weakly similar to C01A2.4 [C.elegans]//8.9e-64:310
 :99//Hs.11449:AI201540
 R-NT2RP3002002//ESTs//2.1e-95:562:89//Hs.5997:AA897088
 R-NT2RP3002004//H.sapiens mRNA for FAST kinase//1.6e-42:335:82//Hs.75087
 :X86779
 R-NT2RP3002007//ESTs//0.12:184:66//Hs.94030:AA846729
 R-NT2RP3002014//Small inducible cytokine A5 (RANTES)//6.8e-47:291:89//Hs
 .155464:AF088219
 R-NT2RP3002033
 R-NT2RP3002045//ESTs//1.0e-92:555:88//Hs.106411:W29081
 R-NT2RP3002054//EST//0.45:155:63//Hs.5656:D20426
 R-NT2RP3002056//ESTs//1.4e-95:504:93//Hs.17428:AI365221
 R-NT2RP3002057//Human mRNA for KIAA0152 gene, complete cds//0.69:127:66/
 /Hs.90438:D63486
 R-NT2RP3002062
 R-NT2RP3002063//ESTs//2.1e-113:552:97//Hs.9591:AA069657
 R-NT2RP3002081//ESTs//5.5e-43:212:100//Hs.124852:AA969139
 R-NT2RP3002097//EST//2.3e-10:80:91//Hs.102717:N59148
 R-NT2RP3002102
 R-NT2RP3002108
 R-NT2RP3002146//ESTs//5.5e-58:296:97//Hs.65328:AA625385
 R-NT2RP3002147//EST//2.5e-53:387:81//Hs.147928:AI249703
 R-NT2RP3002151//ESTs, Highly similar to G1 TO S PHASE TRANSITION PROTEI
 N 1 HOMOLOG [Homo sapiens]//6.2e-107:534:96//Hs.59523:AA602837
 R-NT2RP3002163//ESTs//2.7e-106:520:97//Hs.21258:AA412293
 R-NT2RP3002165//ESTs//7.4e-93:479:95//Hs.27299:AI074024
 R-NT2RP3002166//ESTs//1.0:261:59//Hs.132817:AA593713

R-NT2RP3002173//ESTs//2.7e-93:512:92//Hs.23648:H07120
 R-NT2RP3002181//ESTs//1.0e-84:435:96//Hs.47378:AI193598
 R-NT2RP3002244//ESTs//2.7e-11:97:89//Hs.9412:W72446
 R-NT2RP3002248//ESTs//4.3e-90:459:95//Hs.9848:AA130588
 R-NT2RP3002255//ESTs//1.3e-45:289:88//Hs.9100:AA431672
 R-NT2RP3002273//ESTs//2.3e-100:489:97//Hs.8258:AA744743
 R-NT2RP3002276//ESTs//1.2e-50:306:91//Hs.16160:AA778171
 R-NT2RP3002303//ESTs//1.1e-67:323:99//Hs.129761:AA836898
 R-NT2RP3002304//ESTs//2.8e-86:405:99//Hs.29643:AA418500
 R-NT2RP3002330//ESTs, Weakly similar to G1 TO S PHASE TRANSITION PROTEIN
 1 HOMOLOG [H.sapiens]//1.8e-19:136:87//Hs.106928:AI041737
 R-NT2RP3002343//ESTs//1.0e-42:260:93//Hs.7797:W25667
 R-NT2RP3002351//Homo sapiens 9G8 splicing factor mRNA, complete cds//0.0
 048:221:64//Hs.556:L41887
 R-NT2RP3002352//Homo sapiens mRNA for protein encoded by cxorf5 (71-7A)
 gene//5.8e-105:516:94//Hs.6483:Y16355
 R-NT2RP3002455//Homo sapiens mRNA for KIAA0678 protein, partial cds//1.5
 e-103:524:95//Hs.12707:AB014578
 R-NT2RP3002484//Human APRT gene for adenine phosphoribosyltransferase//0
 .54:108:71//Hs.28914:Y00486
 R-NT2RP3002501//ESTs//2.7e-96:489:95//Hs.27335:N74185
 R-NT2RP3002512//ESTs, Weakly similar to HYPOTHETICAL 31.0 KD PROTEIN R10
 7.2 IN CHROMOSOME III [C.elegans]//3.2e-90:526:90//Hs.8083:AA521436
 R-NT2RP3002529//ESTs, Highly similar to PUTATIVE VACUOLAR PROTEIN SORTI
 NG-ASSOCIATED PROTEIN C2G11.03C [Schizosaccharomyces pombe]//3.8e-101:49
 7:96//Hs.6650:AA843246
 R-NT2RP3002545//Homo sapiens mRNA for KIAA0729 protein, partial cds//1.1
 e-83:438:94//Hs.19542:AB018272
 R-NT2RP3002549//ESTs//3.8e-98:493:96//Hs.7358:AA191673

R-NT2RP3002566//Homo sapiens calcium-activated potassium channel (KCNN3)
mRNA, complete cds//0.14:184:63//Hs.89230:AF031815

R-NT2RP3002587//Homo sapiens KIAA0420 mRNA, complete cds//2.0e-18:138:78
//Hs.129883:AB007880

R-NT2RP3002590//ESTs//2.9e-51:290:93//Hs.162942:AI243850

R-NT2RP3002602//Homo sapiens stannin mRNA, complete cds//5.5e-06:58:100/
/Hs.76691:AF070673

R-NT2RP3002603

R-NT2RP3002631//ESTs//4.8e-54:367:85//Hs.13109:AA192514

R-NT2RP3002659//ESTs//5.3e-30:229:85//Hs.152114:AA401365

R-NT2RP3002660//ESTs//1.9e-88:452:95//Hs.120146:AA708573

R-NT2RP3002663//EST//3.2e-89:469:95//Hs.105767:AA525172

R-NT2RP3002671//ESTs, Highly similar to ELONGATION FACTOR 2 [Drosophila
melanogaster] //5.9e-109:537:97//Hs.19348:AA151678

R-NT2RP3002682//ESTs//2.3e-98:541:91//Hs.75844:AA115502

R-NT2RP3002687//ESTs//5.5e-103:498:97//Hs.72782:AA910871

R-NT2RP3002688//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
RY !!!! [H.sapiens] //5.0e-101:524:95//Hs.32580:AI123601

R-NT2RP3002701//EST//0.87:131:63//Hs.161916:AA483169

R-NT2RP3002713//ESTs//4.7e-106:542:95//Hs.14479:AA160945

R-NT2RP3002763//ESTs//1.3e-54:290:94//Hs.142031:AA809159

R-NT2RP3002770//ESTs//0.047:275:61//Hs.122984:AA526973

R-NT2RP3002785//ESTs//2.4e-52:255:99//Hs.132959:AI376958

R-NT2RP3002799//EST//8.2e-61:321:94//Hs.140992:R71377

R-NT2RP3002810//EST//0.19:116:68//Hs.121810:AA775240

R-NT2RP3002818//ESTs//1.3e-109:531:98//Hs.58924:AI348080

R-NT2RP3002861//ESTs//2.5e-84:429:95//Hs.23920:AA909678

R-NT2RP3002869//EST//0.00011:116:71//Hs.161606:AA019641

R-NT2RP3002876//ESTs//0.0024:182:63//Hs.117306:AA687262

R-NT2RP3002877//Homo sapiens X-ray repair cross-complementing protein 2 (XRCC2) mRNA, complete cds//8.1e-14:146:72//Hs.129727:AF035587

R-NT2RP3002909//Homo sapiens mRNA for KIAA0771 protein, partial cds//1.5e-110:570:95//Hs.6162:AB018314

R-NT2RP3002911//ESTs//3.6e-92:436:99//Hs.143917:AI206286

R-NT2RP3002948//EST//1.0:102:65//Hs.144730:AI191975

R-NT2RP3002953//ESTs//1.8e-107:513:98//Hs.119693:AI201698

R-NT2RP3002955//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0492//0.23:563:56//Hs.127338:AB007961

R-NT2RP3002969//ESTs, Weakly similar to LONG-CHAIN-FATTY-ACID--COA LIGASE 1 [Saccharomyces cerevisiae]//2.0e-56:387:86//Hs.144597:W20143

R-NT2RP3002972//ESTs//1.7e-97:502:96//Hs.7274:AA476850

R-NT2RP3002978//ESTs//8.6e-104:498:98//Hs.118923:AA252116

R-NT2RP3002988//EST//1.2e-59:315:94//Hs.157743:AI360553

R-NT2RP3003008//ESTs//1.4e-97:515:94//Hs.6544:AA524423

R-NT2RP3003032//ESTs, Weakly similar to RETROVIRUS-RELATED POL POLYPROTEIN [Mus musculus]//3.0e-100:528:94//Hs.90353:N98551

R-NT2RP3003059//ESTs//1.7e-76:398:95//Hs.102971:W05355

R-NT2RP3003061//ESTs//4.9e-82:414:96//Hs.99603:AI141912

R-NT2RP3003068//ESTs, Weakly similar to M18.3 [C.elegans]//5.9e-83:392:99//Hs.101364:AA534439

R-NT2RP3003071//ESTs//6.3e-85:399:99//Hs.109755:AA180809

R-NT2RP3003078//ESTs//1.0e-98:471:99//Hs.7995:AI359466

R-NT2RP3003101//EST//0.032:235:60//Hs.147920:AI202441

R-NT2RP3003121//ESTs//3.0e-47:238:97//Hs.43559:AI003520

R-NT2RP3003133//EST//1.5e-77:395:96//Hs.142150:AA223982

R-NT2RP3003138//ESTs, Highly similar to KINESIN-LIKE PROTEIN KIF4 [Mus musculus]//3.3e-107:535:96//Hs.27437:AA004208

R-NT2RP3003139//ESTs//2.5e-106:504:98//Hs.106795:AI271632

R-NT2RP3003150//ESTs//1.6e-99:539:91//Hs.46500:AA129774
 R-NT2RP3003157//ESTs//1.5e-114:563:97//Hs.58608:AA081007
 R-NT2RP3003185//ESTs//3.9e-93:443:98//Hs.9741:AI131226
 R-NT2RP3003193//ESTs//2.0e-37:428:71//Hs.33354:AA179944
 R-NT2RP3003197//ESTs//5.8e-56:312:94//Hs.7016:AA215796
 R-NT2RP3003203//EST//0.0073:212:63//Hs.161355:AI422634
 R-NT2RP3003204//ESTs//7.4e-52:253:99//Hs.120146:AA708573
 R-NT2RP3003212//ESTs//1.8e-76:401:95//Hs.29067:N26107
 R-NT2RP3003230//ESTs, Highly similar to CORONIN [Dictyostelium discoideum] //2.0e-40:229:93//Hs.17377:AI078151
 R-NT2RP3003242//ESTs//8.3e-97:458:99//Hs.23057:AI290343
 R-NT2RP3003251//ESTs//1.5e-60:320:95//Hs.36495:AA151628
 R-NT2RP3003264//ESTs//2.1e-103:521:95//Hs.4094:AA173960
 R-NT2RP3003278//ESTs//8.2e-109:536:96//Hs.23788:AA524061
 R-NT2RP3003282//Homo sapiens dynamin (DNM) mRNA, complete cds//2.4e-102:550:93//Hs.11702:L36983
 R-NT2RP3003290//EST//4.3e-27:372:70//Hs.159131:AI384035
 R-NT2RP3003301//ESTs//4.4e-56:285:97//Hs.95370:AA601055
 R-NT2RP3003302//EST//7.2e-10:395:63//Hs.162554:AA584818
 R-NT2RP3003311//ESTs//4.2e-110:538:97//Hs.62180:AI341261
 R-NT2RP3003313//ESTs//2.1e-106:531:96//Hs.22630:C05931
 R-NT2RP3003327//ESTs//4.3e-102:518:95//Hs.120355:AA625445
 R-NT2RP3003330//ESTs//8.6e-104:497:97//Hs.72071:AI125289
 R-NT2RP3003344//ESTs//2.5e-105:494:99//Hs.112188:AA872993
 R-NT2RP3003346//ESTs//1.0:123:69//Hs.116029:AA813102
 R-NT2RP3003353//EST//0.0014:162:68//Hs.149191:AI246155
 R-NT2RP3003377//EST//4.5e-15:119:85//Hs.148129:AA885567
 R-NT2RP3003384//EST//0.0057:86:74//Hs.127735:AA962272
 R-NT2RP3003385//ESTs//0.64:347:59//Hs.5646:W72721

R-NT2RP3003403//ESTs, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOMOLOG [H.sapiens] //2.2e-24:418:67//Hs.139488:AI124095

R-NT2RP3003409//ESTs//5.3e-98:479:97//Hs.155198:AA767372

R-NT2RP3003411//ESTs//4.8e-86:416:97//Hs.129059:AA126041

R-NT2RP3003427//ESTs//7.4e-103:510:96//Hs.25303:AA641023

R-NT2RP3003433//ESTs//3.5e-85:405:99//Hs.63131:AA664156

R-NT2RP3003464//Homo sapiens rab3-GAP regulatory domain mRNA, complete cds//3.6e-97:479:96//Hs.14934:AF004828

R-NT2RP3003490//Homo sapiens mRNA for KIAA0725 protein, partial cds//4.1e-102:527:93//Hs.26450:AB018268

R-NT2RP3003491//ESTs, Weakly similar to No definition line found [C.elegans] //4.0e-106:549:94//Hs.7886:AI057529

R-NT2RP3003500//Human RP3 mRNA, complete cds//0.66:401:60//Hs.75307:U02556

R-NT2RP3003543//Human clone A9A2BRB7 (CAC)_n/(GTG)_n repeat-containing mRNA//4.1e-33:217:88//Hs.8068:U00952

R-NT2RP3003552//ESTs//3.1e-106:546:94//Hs.101754:AI123430

R-NT2RP3003555//ESTs//3.4e-106:537:95//Hs.85550:AA187681

R-NT2RP3003564

R-NT2RP3003572//ESTs//1.2e-20:122:88//Hs.8253:N48721

R-NT2RP3003576//ESTs//2.7e-71:394:94//Hs.151136:R99944

R-NT2RP3003589//EST//0.58:242:59//Hs.130804:AA894759

R-NT2RP3003625//ESTs//7.6e-41:349:80//Hs.140608:N53448

R-NT2RP3003656//Human LIM protein (LPP) mRNA, partial cds//0.26:222:60//Hs.17217:U49957

R-NT2RP3003659//ESTs//2.0e-113:547:97//Hs.23389:AA769310

R-NT2RP3003665//ESTs//1.6e-80:415:95//Hs.141084:H11714

R-NT2RP3003672

R-NT2RP3003686//ESTs//6.8e-114:552:97//Hs.43299:N23036

R-NT2RP3003701//ESTs//2.1e-16:282:66//Hs.115512:AI208768
 R-NT2RP3003716//ESTs//2.1e-45:195:91//Hs.41296:N71923
 R-NT2RP3003726//Homo sapiens mRNA for KIAA0757 protein, complete cds//5.
 6e-103:492:97//Hs.48513:AB018300
 R-NT2RP3003746//ESTs//1.9e-85:411:98//Hs.54835:AI050863
 R-NT2RP3003795//EST//6.2e-97:459:99//Hs.134769:AI089747
 R-NT2RP3003799//ESTs//2.8e-62:337:94//Hs.124023:H18913
 R-NT2RP3003800//PROTO-ONCOGENE TYROSINE-PROTEIN KINASE SRC//8.9e-108:551
 :95//Hs.115742:AF077754
 R-NT2RP3003805//ESTs//2.2e-103:490:99//Hs.9412:W72446
 R-NT2RP3003809//ESTs, Highly similar to SAV PROTEIN [Sulfolobus acidoca
 ldarius]//3.4e-89:456:95//Hs.5555:AI285198
 R-NT2RP3003819//Interleukin 10//3.3e-43:173:89//Hs.2180:M57627
 R-NT2RP3003825//ESTs//1.6e-66:485:80//Hs.7405:W27761
 R-NT2RP3003828//ESTs, Weakly similar to unknown [H.sapiens]//9.6e-98:511
 :95//Hs.26955:AI333224
 R-NT2RP3003831//ESTs//2.2e-38:317:79//Hs.142173:AA757743
 R-NT2RP3003833//Homo sapiens clones 24718 and 24825 mRNA sequence//5.2e-
 110:541:97//Hs.25300:AF070611
 R-NT2RP3003842//EST//9.9e-44:506:70//Hs.139093:AA166888
 R-NT2RP3003846//ESTs//4.6e-10:66:100//Hs.74924:AI332962
 R-NT2RP3003870//ESTs//3.4e-82:449:92//Hs.122691:AA152298
 R-NT2RP3003876//ESTs//1.9e-89:449:96//Hs.45046:N40170
 R-NT2RP3003914//ESTs//1.3e-99:470:98//Hs.118966:AA926726
 R-NT2RP3003918//ESTs//1.3e-79:417:94//Hs.5005:W25933
 R-NT2RP3003932//ESTs//6.0e-83:427:94//Hs.93581:H50221
 R-NT2RP3003989//ESTs//4.8e-76:403:93//Hs.127243:W80409
 R-NT2RP3003992//ESTs//2.4e-88:508:90//Hs.134200:D19593
 R-NT2RP3004013//ESTs//3.7e-111:551:97//Hs.105108:AA781142

R-NT2RP3004016//ESTs//1.7e-81:394:98//Hs.63368:AA613714
R-NT2RP3004041
R-NT2RP3004051//ESTs//3.5e-69:386:93//Hs.51347:T72820
R-NT2RP3004070//ESTs//5.5e-108:552:95//Hs.23392:AI310139
R-NT2RP3004078//ESTs//3.3e-82:443:93//Hs.26407:W45387
R-NT2RP3004093//ESTs//4.4e-83:426:94//Hs.140932:AI262104
R-NT2RP3004095//ESTs//0.00013:93:78//Hs.36567:AA262045
R-NT2RP3004110//ESTs, Weakly similar to similar to oxysterol-binding proteins: partial CDS. [C.elegans]//3.5e-76:402:95//Hs.55847:W31092
R-NT2RP3004125//ESTs//9.3e-74:363:97//Hs.32988:C01696
R-NT2RP3004145//ESTs//2.6e-96:451:99//Hs.59584:AA587334
R-NT2RP3004148//ESTs//1.3e-10:77:92//Hs.135890:AI183425
R-NT2RP3004155//ESTs//1.7e-110:558:96//Hs.27003:AI279093
R-NT2RP3004206//ESTs, Moderately similar to CROOKED NECK PROTEIN [Drosophila melanogaster]//1.8e-40:200:100//Hs.26089:AA195126
R-NT2RP3004207//ESTs, Weakly similar to gene SEZ-6 [M.musculus]//1.1e-41:266:89//Hs.6314:AA522619
R-NT2RP3004209//ESTs, Highly similar to PUTATIVE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE C13A11.04C [Schizosaccharomyces pombe]//3.7e-112:547:97//Hs.99819:AI346680
R-NT2RP3004215//ESTs//1.1e-103:541:95//Hs.124918:N64794
R-NT2RP3004242//ESTs//4.5e-105:524:96//Hs.29724:N46252
R-NT2RP3004246//EST//1.9e-07:67:91//Hs.125687:AA884827
R-NT2RP3004253//EST//2.9e-88:454:94//Hs.127713:AA961628
R-NT2RP3004258//ESTs, Weakly similar to PRE-MRNA SPLICING FACTOR SRP75 [Homo sapiens]//1.6e-89:468:95//Hs.5117:AA831530
R-NT2RP3004262//ESTs//4.1e-86:443:96//Hs.101393:T87623
R-NT2RP3004334//EST//0.00057:206:63//Hs.149388:AI273630
R-NT2RP3004341//EST//0.00042:151:68//Hs.148498:AI200264

R-NT2RP3004348//Homo sapiens LIM protein mRNA, complete cds//5.9e-61:299
:85//Hs.154103:AF061258

R-NT2RP3004349//EST//3.6e-42:175:88//Hs.161917:AA483223

R-NT2RP3004378//ESTs//0.27:294:60//Hs.66479:AA863044

R-NT2RP3004399//ESTs//5.8e-99:479:98//Hs.120234:AA732224

R-NT2RP3004424//EST, Highly similar to F21G4.6 [C.elegans]//0.30:253:58/
/Hs.97184:AA385934

R-NT2RP3004428//ESTs//2.8e-48:279:91//Hs.106826:W25985

R-NT2RP3004451//ESTs//4.8e-101:509:96//Hs.29725:W74621

R-NT2RP3004454//Homo sapiens mRNA for KIAA0448 protein, complete cds//9.
3e-108:526:98//Hs.27349:AB007917

R-NT2RP3004466//ESTs//0.25:51:90//Hs.7778:AA195616

R-NT2RP3004470//EST//0.032:70:71//Hs.147925:AI249332

R-NT2RP3004472//ESTs//0.0069:430:59//Hs.116651:AA993406

R-NT2RP3004475//Homo sapiens mRNA for KIAA0456 protein, partial cds//5.0
e-107:521:97//Hs.5003:AB007925

R-NT2RP3004480

R-NT2RP3004490//ESTs//4.7e-68:354:95//Hs.163721:H42504

R-NT2RP3004498//ESTs, Moderately similar to ORF2: function unknown [H.sa
piens]//3.4e-100:508:95//Hs.47393:AA218858

R-NT2RP3004503//ESTs//4.6e-90:478:93//Hs.133998:AA994735

R-NT2RP3004504//ESTs, Highly similar to cytoplasmic polyadenylation elem
ent-binding protein [M.musculus]//1.8e-83:465:92//Hs.137064:AA318257

R-NT2RP3004507//ESTs//1.5e-98:495:96//Hs.128905:AI051971

R-NT2RP3004527//EST//1.6e-109:535:97//Hs.149481:AI279865

R-NT2RP3004534

R-NT2RP3004544//EST//0.035:226:60//Hs.99195:AA449232

R-NT2RP3004566//ESTs//4.1e-86:455:95//Hs.13110:T67461

R-NT2RP3004569//ESTs//2.9e-94:493:94//Hs.24948:AA977674

R-NT2RP3004572//ESTs//1.1e-92:437:99//Hs.24846:AI420493
 R-NT2RP3004578//ESTs//0.98:166:64//Hs.124593:AA854456
 R-NT2RP3004594//EST//5.8e-89:426:98//Hs.134213:AI080213
 R-NT2RP3004617//ESTs//1.4e-40:226:85//Hs.15921:R71157
 R-NT2RP3004618//ESTs//1.8e-38:229:90//Hs.125153:AA453723
 R-NT2RP3004670//Homo sapiens GN6ST mRNA for long form of N-acetylglucosa
 mine-6-O-sulfotransferase (GlcNAc6ST), complete cds//7.2e-57:291:95//Hs.
 8786:AB014680
 R-NT2RP4000008//ESTs//8.9e-119:561:98//Hs.25035:AI123335
 R-NT2RP4000023//EST//1.2e-34:271:80//Hs.98300:AA418560
 R-NT2RP4000035//Small inducible cytokine A5 (RANTES)//2.1e-68:320:82//Hs
 .155464:AF088219
 R-NT2RP4000049//Homo sapiens TRAIL receptor 2 mRNA, complete cds//6.7e-6
 0:289:82//Hs.51233:AF016266
 R-NT2RP4000051//ESTs, Weakly similar to protein B [H.sapiens]//8.3e-98:4
 62:99//Hs.10114:AI345945
 R-NT2RP4000078//ESTs//0.00068:367:60//Hs.106090:AA457030
 R-NT2RP4000102//ESTs//9.7e-50:256:97//Hs.24266:R28287
 R-NT2RP4000109//Homo sapiens mRNA for MEGF5, partial cds//1.1e-107:536:9
 6//Hs.57929:AB011538
 R-NT2RP4000129//Homo sapiens mRNA for KIAA0483 protein, partial cds//3.5
 e-112:554:97//Hs.64691:AB007952
 R-NT2RP4000147//ESTs//3.9e-11:122:80//Hs.25584:AA632014
 R-NT2RP4000150//EST//4.4e-84:510:88//Hs.144238:W52294
 R-NT2RP4000151//ESTs, Weakly similar to HYPOTHETICAL 31.0 KD PROTEIN R10
 7.2 IN CHROMOSOME III [C.elegans]//5.7e-93:515:92//Hs.8083:AA521436
 R-NT2RP4000159//ESTs//0.0019:209:65//Hs.161816:AA400295
 R-NT2RP4000167//ESTs//2.1e-113:549:97//Hs.109441:N66569
 R-NT2RP4000185//ESTs//0.65:232:59//Hs.144445:AA807257

R-NT2RP4000210//Homo sapiens mRNA for KIAA0700 protein, partial cds//1.5e-100:505:96//Hs.13999:AB014600

R-NT2RP4000212//ESTs//8.5e-14:169:75//Hs.8520:AA081788

R-NT2RP4000214//Human mRNA for KIAA0392 gene, partial cds//6.2e-43:272:90//Hs.40100:AB002390

R-NT2RP4000218//ESTs//6.1e-10:335:64//Hs.105658:AA978185

R-NT2RP4000243//Homo sapiens mRNA for cartilage-associated protein (CASP) //2.9e-70:354:96//Hs.155481:AJ006470

R-NT2RP4000246//ESTs//7.1e-26:154:94//Hs.14838:AA502757

R-NT2RP4000259//Homo sapiens clone 683 unknown mRNA, complete sequence//9.3e-79:379:99//Hs.43728:AF091092

R-NT2RP4000263

R-NT2RP4000290//ESTs, Weakly similar to similar to Achlya ambisexualis antheridiol steroid receptor [C.elegans] //4.7e-104:525:96//Hs.152069:AA548972

R-NT2RP4000312//ESTs//8.2e-66:319:99//Hs.35091:AI271631

R-NT2RP4000321//Homo sapiens clone 24453 mRNA sequence//1.3e-109:513:99//Hs.13410:AF070524

R-NT2RP4000323//ESTs//7.7e-109:534:97//Hs.34790:AA192760

R-NT2RP4000355//ESTs//3.1e-44:320:83//Hs.141323:N80390

R-NT2RP4000360//Homo sapiens mRNA for KIAA0738 protein, complete cds//7.6e-111:520:99//Hs.107479:AB018281

R-NT2RP4000367//Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds//2.8e-110:527:98//Hs.31323:AF044195

R-NT2RP4000370//ESTs//8.9e-32:166:98//Hs.70488:AI301130

R-NT2RP4000376//ESTs//6.8e-99:465:99//Hs.27182:AA604498

R-NT2RP4000381//ESTs//3.0e-50:280:93//Hs.8395:W27376

R-NT2RP4000415//ESTs, Weakly similar to coded for by C. elegans cDNA yk3 ob3.5 [C.elegans] //3.9e-87:499:91//Hs.26156:AA630975

R-NT2RP4000417//ESTs, Moderately similar to HYPOTHETICAL 91.2 KD PROTEIN IN RPS7A-SCH9 INTERGENIC REGION [*Saccharomyces cerevisiae*]//8.9e-95:468:96//Hs.93871:AI191318

R-NT2RP4000424//ESTs//3.7e-98:473:98//Hs.24945:AI189011

R-NT2RP4000448//ESTs//2.6e-79:446:91//Hs.25159:R60955

R-NT2RP4000449//ESTs//3.6e-98:468:98//Hs.31176:AI037953

R-NT2RP4000455//Homo sapiens N-methyl-D-aspartate receptor 2D subunit precursor (NMDAR2D) mRNA, complete cds//0.35:153:63//Hs.113286:U77783

R-NT2RP4000457//ESTs//4.5e-89:455:96//Hs.62638:AA127740

R-NT2RP4000480//ESTs//4.9e-92:431:99//Hs.121072:AI204167

R-NT2RP4000481

R-NT2RP4000500//ESTs, Weakly similar to HYPOTHETICAL 83.6 KD PROTEIN R05 D3.2 IN CHROMOSOME III [*C.elegans*]//1.2e-40:125:97//Hs.56124:AI424792

R-NT2RP4000515//EST//6.7e-30:183:90//Hs.150710:AI122713

R-NT2RP4000517//Aldehyde dehydrogenase 7//7.5e-28:183:76//Hs.83155:U10868

R-NT2RP4000518//EST//0.091:178:58//Hs.133031:AI049874

R-NT2RP4000519

R-NT2RP4000524//ESTs, Highly similar to rsec8 [*R.norvegicus*]//3.4e-93:496:93//Hs.107394:H07126

R-NT2RP4000528//EST//0.84:130:66//Hs.140208:AA702213

R-NT2RP4000541//EST//5.2e-63:337:94//Hs.156337:AI337328

R-NT2RP4000556//ESTs, Highly similar to 60S RIBOSOMAL PROTEIN L11 [*R.norvegicus*]//8.2e-92:448:98//Hs.25597:H93026

R-NT2RP4000588//ESTs//3.8e-94:445:98//Hs.44077:N28840

R-NT2RP4000614//ESTs//6.5e-18:159:83//Hs.24549:N57263

R-NT2RP4000638//ESTs//2.5e-46:296:87//Hs.132722:AA618531

R-NT2RP4000648//ESTs//2.6e-103:559:93//Hs.23794:W80393

R-NT2RP4000657//ESTs//1.0:189:60//Hs.87073:AA972704

R-NT2RP4000704//ESTs//2.8e-101:509:96//Hs.84824:AA935651
 R-NT2RP4000724//ESTs//1.5e-83:442:94//Hs.142114:AA205615
 R-NT2RP4000728//ESTs//0.84:61:75//Hs.145334:AI251399
 R-NT2RP4000739//ESTs//8.8e-80:418:94//Hs.42959:N21211
 R-NT2RP4000781//ESTs//1.4e-79:376:99//Hs.135458:AI081312
 R-NT2RP4000817//Homo sapiens mRNA for KIAA0470 protein, complete cds//3.
 1e-106:550:94//Hs.25132:AB007939
 R-NT2RP4000833//ESTs//5.8e-46:309:85//Hs.163979:AA828834
 R-NT2RP4000837//ESTs//1.7e-112:539:97//Hs.97718:AI334028
 R-NT2RP4000855//ESTs//1.1e-95:486:95//Hs.5345:AA988104
 R-NT2RP4000865//EST//6.2e-68:412:89//Hs.142196:AA258356
 R-NT2RP4000878//ESTs//1.9e-80:417:95//Hs.104716:AI023185
 R-NT2RP4000879//ESTs//1.8e-42:211:99//Hs.89991:AI374617
 R-NT2RP4000907//ESTs//1.2e-89:453:97//Hs.100182:N92594
 R-NT2RP4000915//EST//9.4e-06:197:63//Hs.145970:AI277106
 R-NT2RP4000925//ESTs, Weakly similar to KIAA0405 [H.sapiens]//5.9e-17:13
 4:85//Hs.14146:W92235
 R-NT2RP4000927//ESTs//4.3e-14:84:100//Hs.155360:AA984683
 R-NT2RP4000928//Homo sapiens CDP-diacylglycerol synthase 2 (CDS2) mRNA,
 partial cds//8.2e-108:548:95//Hs.24812:AF069532
 R-NT2RP4000929//ESTs//1.3e-119:567:98//Hs.62717:AA044905
 R-NT2RP4000955//ESTs//3.5e-10:119:78//Hs.42946:N21111
 R-NT2RP4000973//ESTs//2.8e-05:93:69//Hs.155126:AA563986
 R-NT2RP4000975//ESTs//4.4e-58:324:95//Hs.126070:AA045179
 R-NT2RP4000979//ESTs//3.5e-42:468:73//Hs.106210:AI193017
 R-NT2RP4000984//Homo sapiens clone 23770 mRNA sequence//8.7e-120:570:98/
 /Hs.12457:AF052123
 R-NT2RP4000989//ESTs//1.3e-122:581:98//Hs.10499:AA528018
 R-NT2RP4000996//ESTs//9.2e-113:579:94//Hs.23762:N26620

R-NT2RP4000997//Homo sapiens neuronal thread protein AD7c-NTP mRNA, complete cds//1.1e-28:439:68//Hs.129735:AF010144

R-NT2RP4001004//ESTs//3.6e-78:389:98//Hs.156290:AI016769

R-NT2RP4001006//ESTs, Moderately similar to ORF2: function unknown [H.sapiens]//6.6e-124:574:99//Hs.47393:AA218858

R-NT2RP4001010//EST//2.8e-31:194:90//Hs.161186:AI418635

R-NT2RP4001029//ESTs//4.4e-111:523:99//Hs.28423:AI336292

R-NT2RP4001041//ESTs, Highly similar to LEUCYL-TRNA SYNTHETASE, CYTOPLASMIC [Saccharomyces cerevisiae]//3.6e-114:569:96//Hs.6762:AA088424

R-NT2RP4001057//Homo sapiens KIAA0399 mRNA, partial cds//2.0e-51:282:94//Hs.100955:AB007859

R-NT2RP4001064//ESTs, Weakly similar to protein B [H.sapiens]//2.1e-103:485:99//Hs.10114:AI345945

R-NT2RP4001078

R-NT2RP4001079//Homo sapiens mRNA for putative Ca²⁺-transporting ATPase, partial//1.7e-119:569:98//Hs.106778:AJ010953

R-NT2RP4001080//ESTs//7.6e-10:65:100//Hs.131694:AA927668

R-NT2RP4001086//Homo sapiens mRNA for KIAA0592 protein, partial cds//5.9e-121:548:95//Hs.13273:AB011164

R-NT2RP4001095//ESTs//1.5e-113:563:96//Hs.118732:AI344055

R-NT2RP4001100//ESTs//2.0e-46:413:79//Hs.146314:R99617

R-NT2RP4001117//EST//7.4e-51:294:92//Hs.7260:T23737

R-NT2RP4001122//ESTs//5.4e-109:509:99//Hs.16390:AI052357

R-NT2RP4001126//EST//0.97:169:61//Hs.148107:AA693476

R-NT2RP4001138//ESTs//3.0e-110:543:97//Hs.57655:AI056890

R-NT2RP4001143//ESTs, Highly similar to HYPOTHETICAL 52.9 KD PROTEIN IN SAP155-YMR31 INTERGENIC REGION [Saccharomyces cerevisiae]//5.4e-113:573:96//Hs.5249:U55977

R-NT2RP4001148//ESTs//3.1e-103:490:98//Hs.121282:AI091453

R-NT2RP4001149//EST//1.7e-50:281:93//Hs.101727:H16171
 R-NT2RP4001150//ESTs//1.9e-90:422:100//Hs.125490:AI138884
 R-NT2RP4001159
 R-NT2RP4001174//ESTs//2.5e-110:526:98//Hs.116555:AA639278
 R-NT2RP4001206//ESTs//1.1e-25:140:97//Hs.83756:AI002822
 R-NT2RP4001207//ESTs//4.4e-70:432:89//Hs.13109:AA192514
 R-NT2RP4001210//ESTs//1.4e-108:509:99//Hs.27021:AI359495
 R-NT2RP4001213//ESTs, Highly similar to ZINC FINGER PROTEIN 8 [Homo sapiens] //4.4e-123:624:95//Hs.22744:AI379892
 R-NT2RP4001219//ESTs//0.0043:142:65//Hs.6733:AI160750
 R-NT2RP4001228//ESTs//4.9e-101:482:98//Hs.62684:AA806103
 R-NT2RP4001235//ESTs//3.7e-105:571:93//Hs.37706:AA005120
 R-NT2RP4001256//ESTs//1.1e-12:189:74//Hs.20621:W28255
 R-NT2RP4001260//EST//6.9e-05:313:61//Hs.116438:AA648430
 R-NT2RP4001274//EST//0.0020:246:63//Hs.149955:AI289933
 R-NT2RP4001276//ESTs//2.9e-34:213:91//Hs.43100:AA186588
 R-NT2RP4001313
 R-NT2RP4001315//EST//6.1e-38:217:93//Hs.97832:AA400892
 R-NT2RP4001339//ESTs//3.8e-91:430:99//Hs.34840:AI279612
 R-NT2RP4001345//ESTs//5.3e-89:443:96//Hs.6770:AA972732
 R-NT2RP4001351//ESTs//6.0e-78:394:97//Hs.102796:N70837
 R-NT2RP4001353//ESTs//4.8e-06:90:82//Hs.7778:AA195616
 R-NT2RP4001372
 R-NT2RP4001373//ESTs, Weakly similar to HYPOTHETICAL 48.8 KD PROTEIN IN TRK2-MRS4 INTERGENIC REGION [Saccharomyces cerevisiae] //1.7e-108:546:96//Hs.32271:AA203680
 R-NT2RP4001375//ESTs//2.4e-19:155:87//Hs.62119:AA043299
 R-NT2RP4001379//EST//4.4e-29:288:72//Hs.157848:AI362501
 R-NT2RP4001389//ESTs, Highly similar to HYPOTHETICAL 51.6 KD PROTEIN IN

PAP1-MRPL13 INTERGENIC REGION [*Saccharomyces cerevisiae*] //3.8e-79:438:9
 3//Hs.21938:W81045
 R-NT2RP4001407//ESTs//8.3e-112:541:97//Hs.22587:AA743132
 R-NT2RP4001414//ESTs//8.6e-18:117:90//Hs.90789:W27649
 R-NT2RP4001433//ESTs, Moderately similar to PROHIBITIN [*H.sapiens*] //1.6e
 -102:498:97//Hs.62386:AA512948
 R-NT2RP4001442//ESTs//8.8e-104:489:99//Hs.101619:AI339433
 R-NT2RP4001447
 R-NT2RP4001474
 R-NT2RP4001483//ESTs//2.1e-100:528:92//Hs.17860:AA706655
 R-NT2RP4001498//ESTs//1.1e-97:470:98//Hs.95744:AI392846
 R-NT2RP4001502//ESTs//6.7e-73:382:96//Hs.11874:N93511
 R-NT2RP4001507//ESTs//2.6e-57:302:96//Hs.65328:AA625385
 R-NT2RP4001524//ESTs, Weakly similar to F13B12.1 [*C.elegans*] //2.9e-107:5
 46:96//Hs.5570:AI377863
 R-NT2RP4001529//ESTs//3.3e-112:524:99//Hs.28423:AI336292
 R-NT2RP4001547//ESTs, Weakly similar to NADH-UBIQUINONE OXIDOREDUCTASE C
 HAIN 5 [*Paramecium tetraurelia*] //2.8e-120:566:98//Hs.108530:AA523928
 R-NT2RP4001551//ESTs, Weakly similar to CELL DIVISION CONTROL PROTEIN 68
 [*S.cerevisiae*] //1.4e-26:184:88//Hs.136189:AA133224
 R-NT2RP4001555//ESTs//1.1e-95:445:100//Hs.134403:AA677552
 R-NT2RP4001567//ESTs//2.8e-106:506:98//Hs.102708:AA292285
 R-NT2RP4001568//ESTs//6.4e-55:300:94//Hs.57442:N63437
 R-NT2RP4001571//ESTs//1.3e-114:556:97//Hs.30340:AA521251
 R-NT2RP4001574//ESTs//0.0035:120:67//Hs.96339:AA225906
 R-NT2RP4001575
 R-NT2RP4001592//ESTs, Weakly similar to ISOLEUCYL-TRNA SYNTHETASE, MITOC
 HONDRIAL [*S.cerevisiae*] //8.7e-112:557:97//Hs.7558:AA526812
 R-NT2RP4001610//ESTs//6.2e-77:382:96//Hs.21543:AA166776

R-NT2RP4001614//ESTs//2.8e-117:565:98//Hs.9591:AA069657
R-NT2RP4001634//ESTs//2.0e-39:213:96//Hs.32360:AA534737
R-NT2RP4001638//Homo sapiens clone 23967 unknown mRNA, partial cds//1.7e-116:559:97//Hs.5332:AF007151
R-NT2RP4001644//ESTs, Moderately similar to MNK1 [H.sapiens]//5.3e-36:192:97//Hs.5662:AA868361
R-NT2RP4001656//ESTs, Highly similar to HYPOTHETICAL 108.5 KD PROTEIN R06F6.2 IN CHROMOSOME II [Caenorhabditis elegans]//1.1e-104:525:96//Hs.20472:W28734
R-NT2RP4001677//ESTs//1.8e-106:522:97//Hs.106390:AA156805
R-NT2RP4001696//Human chromosome 8 BAC clone CIT987SK-2A8 complete sequence//5.7e-118:583:96//Hs.15562:U96629
R-NT2RP4001725//ESTs//2.0e-11:141:74//Hs.117589:N25941
R-NT2RP4001730//ESTs, Weakly similar to UDP-GLUCOSE:GLYCOPROTEIN GLUCOSYLTRANSFERASE PRECURSOR [D.melanogaster]//3.4e-73:362:97//Hs.152332:AI141922
R-NT2RP4001739//ESTs//6.6e-59:340:91//Hs.122293:AA843692
R-NT2RP4001753//Zinc finger protein 3 (A8-51)//5.6e-113:552:96//Hs.2481:X78926
R-NT2RP4001760//ESTs//2.5e-94:453:98//Hs.122579:AA766315
R-NT2RP4001790//ESTs, Weakly similar to ZINC FINGER PROTEIN 84 [H.sapiens]//2.0e-62:326:94//Hs.110839:W28098
R-NT2RP4001803
R-NT2RP4001822//ESTs//4.4e-98:526:92//Hs.96908:AI161133
R-NT2RP4001823//ESTs//1.7e-72:357:97//Hs.144900:AI218434
R-NT2RP4001828//ESTs//3.3e-101:536:92//Hs.18851:AA857826
R-NT2RP4001838//ESTs//4.2e-58:344:90//Hs.48723:N66663
R-NT2RP4001849//EST//0.24:105:71//Hs.136747:AA749210
R-NT2RP4001889//Human mRNA for KIAA0118 gene, partial cds//3.4e-34:212:8

8//Hs.154326:D42087

R-NT2RP4001893//ESTs//3.0e-58:321:95//Hs.158787:W79602

R-NT2RP4001896//EST//3.8e-15:108:92//Hs.160835:AI345528

R-NT2RP4001901//ESTs//1.2e-110:536:97//Hs.31443:AI018606

R-NT2RP4001927//ESTs//2.1e-105:546:93//Hs.73291:AI417099

R-NT2RP4001938//ESTs//2.8e-40:235:78//Hs.163641:R61848

R-NT2RP4001946//ESTs//1.3e-29:175:93//Hs.43703:AA088436

R-NT2RP4001950//ESTs//4.6e-95:458:98//Hs.150890:AI341793

R-NT2RP4001953//Clathrin, light polypeptide (Lcb)//2.3e-62:310:82//Hs.73919:X81637

R-NT2RP4001966//ESTs, Weakly similar to tenascin-like protein [D.melanogaster] //8.3e-87:457:94//Hs.41793:AA775879

R-NT2RP4001975//ESTs//1.9e-52:281:94//Hs.7704:W58252

R-NT2RP4002018

R-NT2RP4002047//ESTs, Highly similar to GTP-BINDING PROTEIN LEPA [Pseudomonas fluorescens] //4.7e-09:90:86//Hs.41127:AA555184

R-NT2RP4002052//ESTs//0.054:353:60//Hs.117510:AA903738

R-NT2RP4002058//EST//7.8e-26:151:94//Hs.124617:AA855106

R-NT2RP4002071//ESTs//6.9e-99:475:98//Hs.29216:AA916679

R-NT2RP4002075//ESTs//0.67:121:65//Hs.153939:AI284198

R-NT2RP4002078//ESTs, Highly similar to ZINC FINGER PROTEIN 35 [Homo sapiens] //1.6e-61:464:82//Hs.144228:N99507

R-NT2RP4002081//ESTs, Weakly similar to HYPOTHETICAL 139.1 KD PROTEIN CO8B11.3 IN CHROMOSOME II [C.elegans] //2.3e-56:271:100//Hs.6185:AA428565

R-NT2RP4002083//ESTs//2.0e-108:548:96//Hs.6120:W80407

R-NT2RP4002408//ESTs//2.6e-77:391:96//Hs.14014:AA745592

R-NT2RP4002791//ESTs//7.9e-101:527:93//Hs.22394:N32555

R-NT2RP4002888//ESTs, Highly similar to ENV POLYPROTEIN [Avian spleen necrosis virus] //1.9e-65:373:92//Hs.31532:H18272

R-NT2RP4002905//ESTs//1.5e-107:517:98//Hs.40460:N36090
R-OVARC1000001//Homo sapiens mRNA for KIAA0465 protein, partial cds//2.8e-115:605:94//Hs.108258:AB007934
R-OVARC1000004
R-OVARC1000006//ESTs//1.5e-19:139:89//Hs.143034:AI126929
R-OVARC1000013//ESTs//5.9e-98:531:93//Hs.16470:AA121635
R-OVARC1000014//ESTs//0.24:243:60//Hs.19569:AA464273
R-OVARC1000017
R-OVARC1000035//ESTs//0.035:252:63//Hs.134123:AI078286
R-OVARC1000058//H.sapiens mRNA for translin associated protein X//3.8e-46:331:83//Hs.96247:X95073
R-OVARC1000060//EST//2.8e-28:348:71//Hs.141728:W73041
R-OVARC1000068//ESTs//3.0e-83:491:90//Hs.29397:N51367
R-OVARC1000071//ESTs//2.5e-60:321:96//Hs.25010:R67871
R-OVARC1000085//Proteasome component C5//8.6e-67:366:92//Hs.75748:AL031259
R-OVARC1000087//ESTs//1.0e-111:526:98//Hs.129020:AI380703
R-OVARC1000091//ESTs, Weakly similar to HOST CELL FACTOR C1 [H.sapiens]//3.9e-112:596:94//Hs.20597:W58370
R-OVARC1000092//ESTs//5.1e-18:144:82//Hs.109140:AI289942
R-OVARC1000106
R-OVARC1000113//Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds//8.3e-102:495:97//Hs.3688:AF069250
R-OVARC1000114//H.sapiens mRNA for phosphoinositide 3-kinase//1.7e-45:489:74//Hs.101238:Y11312
R-OVARC1000133//EST//0.00028:284:61//Hs.30547:H05482
R-OVARC1000145//EST//3.9e-40:201:99//Hs.156148:AI333214
R-OVARC1000148//EST//0.79:150:62//Hs.100078:T05090
R-OVARC1000151

R-OVARC1000168//EST//1.7e-19:142:90//Hs.38441:H66023
 R-OVARC1000191//EST//0.0072:292:63//Hs.132492:AA922629
 R-OVARC1000198//Homo sapiens LIM protein mRNA, complete cds//6.1e-44:339
 :81//Hs.154103:AF061258
 R-OVARC1000209//ESTs, Moderately similar to ZINC FINGER PROTEIN 93 [H.sa
 piens] //1.1e-32:196:92//Hs.64322:AA142864
 R-OVARC1000212//EST//0.20:178:61//Hs.133031:AI049874
 R-OVARC1000240//ESTs//9.0e-64:314:98//Hs.42300:AA204958
 R-OVARC1000241//EST//0.00018:115:68//Hs.150728:AI123130
 R-OVARC1000288//ESTs, Highly similar to HYPOTHETICAL 54.2 KD PROTEIN IN
 CDC12-ORC6 INTERGENIC REGION [Saccharomyces cerevisiae] //3.3e-74:403:93
 //Hs.108117:AI097079
 R-OVARC1000302//EST//4.0e-14:102:90//Hs.136617:AA630476
 R-OVARC1000304//ESTs, Highly similar to PUTATIVE GTP-BINDING PROTEIN MO
 V10 [Mus musculus] //2.9e-37:191:98//Hs.20725:AI027777
 R-OVARC1000309//ESTs//3.6e-66:348:94//Hs.9547:AA532449
 R-OVARC1000321//ESTs//3.6e-87:454:95//Hs.110445:AA044743
 R-OVARC1000326//ESTs, Moderately similar to lamina associated polypeptid
 e 1C [R.norvegicus] //1.3e-98:488:96//Hs.125749:AI377682
 R-OVARC1000335//ESTs//3.0e-115:565:97//Hs.54835:AI050863
 R-OVARC1000347//EST//0.0018:145:65//Hs.136945:AA765672
 R-OVARC1000384//ESTs//2.8e-38:253:89//Hs.15093:AA203423
 R-OVARC1000408//ESTs//2.6e-98:515:94//Hs.119808:C05928
 R-OVARC1000411//ESTs//3.2e-82:395:98//Hs.104747:AA406219
 R-OVARC1000414//Landsteiner-Wiener blood group glycoprotein//1.5e-27:211
 :79//Hs.108287:L27670
 R-OVARC1000420//EST//2.8e-38:255:74//Hs.138525:R99237
 R-OVARC1000427//EST//2.6e-58:302:96//Hs.122914:AA767034
 R-OVARC1000431//ESTs//4.9e-108:551:96//Hs.11668:AI123426

R-OVARC1000437
R-OVARC1000440//ESTs//2.9e-91:456:96//Hs.93701:AI018671
R-OVARC1000442//Human high-affinity copper uptake protein (hCTR1) mRNA,
complete cds//4.3e-45:320:84//Hs.73614:U83460
R-OVARC1000443//Homo sapiens mRNA for KIAA0683 protein, complete cds//3.
6e-79:418:94//Hs.12334:AB014583
R-OVARC1000461//ESTs//3.1e-62:342:93//Hs.23241:R46582
R-OVARC1000465//ESTs//1.7e-67:349:95//Hs.127238:AA477576
R-OVARC1000466//ESTs//1.9e-66:337:95//Hs.5212:AI421211
R-OVARC1000473//ESTs//5.4e-89:320:99//Hs.29173:AA134926
R-OVARC1000479//ESTs, Highly similar to TIP120 [R.norvegicus]//1.1e-102:
514:96//Hs.11833:AI299947
R-OVARC1000486//ESTs//3.9e-78:405:95//Hs.98312:AA424983
R-OVARC1000496
R-OVARC1000520//ESTs//1.2e-20:145:88//Hs.87456:AA434484
R-OVARC1000526//Small inducible cytokine A5 (RANTES)//8.9e-47:217:87//Hs
.155464:AF088219
R-OVARC1000533//ESTs, Moderately similar to integrase [H.sapiens]//8.5e-
48:264:92//Hs.49860:AA702248
R-OVARC1000543//ESTs//5.7e-74:410:94//Hs.62817:AA047021
R-OVARC1000556//H.sapiens mRNA for ribosomal S6 kinase//9.5e-27:202:85//
Hs.90859:X85106
R-OVARC1000557//EST//2.8e-18:169:79//Hs.149101:AI244285
R-OVARC1000564//EST//2.3e-34:199:92//Hs.146637:AI141587
R-OVARC1000573//Interleukin 10//4.7e-42:300:83//Hs.2180:M57627
R-OVARC1000578//Small inducible cytokine A5 (RANTES)//5.2e-58:392:84//Hs
.155464:AF088219
R-OVARC1000588//EST//1.8e-41:174:85//Hs.163333:AA879053
R-OVARC1000605

R-OVARC1000622//Homo sapiens mRNA, chromosome 1 specific transcript KIAA
0501//6.4e-47:417:77//Hs.159897:AB007970

R-OVARC1000640//H.sapiens mRNA for translin associated protein X//1.9e-2
8:366:72//Hs.96247:X95073

R-OVARC1000661//Homo sapiens mRNA for KIAA0590 protein, complete cds//5.
1e-31:162:100//Hs.111862:AB011162

R-OVARC1000678//EST//0.92:199:60//Hs.122025:AA778480

R-OVARC1000679//ESTs//0.94:416:59//Hs.130754:AA279522

R-OVARC1000681//EST//9.2e-21:179:80//Hs.132635:AI032875

R-OVARC1000689//Homo sapiens ataxin-7 (SCA7) mRNA, complete cds//0.053:1
60:64//Hs.108447:AJ000517

R-OVARC1000700//Homo sapiens KIAA0441 mRNA, complete cds//7.1e-09:141:73
//Hs.32511:AB007901

R-OVARC1000703//ESTs//1.7e-46:298:87//Hs.138856:H47461

R-OVARC1000730//ESTs, Weakly similar to C27F2.7 gene product [C.elegans]
//1.7e-17:137:86//Hs.7049:AI141736

R-OVARC1000746//ESTs//0.16:366:60//Hs.136969:AA830918

R-OVARC1000769//ESTs, Weakly similar to eukaryotic initiation factor eIF
-2 alpha kinase [D.melanogaster] //4.6e-28:430:69//Hs.42457:AA523306

R-OVARC1000771//ESTs//1.3e-87:461:94//Hs.22399:AA531016

R-OVARC1000781//ESTs//8.3e-119:572:97//Hs.41972:AA626793

R-OVARC1000787//ESTs//7.4e-18:115:93//Hs.164036:AA845659

R-OVARC1000800//MITOCHONDRIAL STRESS-70 PROTEIN PRECURSOR//4.9e-19:119:9
5//Hs.3069:L11066

R-OVARC1000802//ESTs//2.2e-41:383:78//Hs.161228:AI419764

R-OVARC1000834//Homo sapiens mRNA for atopy related autoantigen CALC//1.
2e-106:536:95//Hs.61628:Y17711

R-OVARC1000846//Clathrin, light polypeptide (Lcb)//1.6e-66:282:87//Hs.73
919:X81637

R-OVARC1000850//Homo sapiens PB39 mRNA, complete cds//1.2e-115:579:96//Hs.18910:AF045584

R-OVARC1000862//EST//4.3e-14:129:81//Hs.150663:AA923096

R-OVARC1000876//ESTs//1.0e-115:573:96//Hs.87287:AI150674

R-OVARC1000883//ESTs//3.5e-109:523:98//Hs.28423:AI336292

R-OVARC1000885//ESTs, Highly similar to HYPOTHETICAL OXIDOREDUCTASE IN ROCC-PTA INTERGENIC REGION [Bacillus subtilis]//7.9e-98:525:93//Hs.10366:W21953

R-OVARC1000886//ESTs//8.2e-79:417:94//Hs.7729:AA830777

R-OVARC1000891//ESTs//6.8e-75:401:94//Hs.5833:H15401

R-OVARC1000897//ESTs//3.5e-91:440:98//Hs.125264:AA873350

R-OVARC1000912

R-OVARC1000915//ESTs//1.0e-45:328:82//Hs.163980:AA715814

R-OVARC1000924//ESTs//1.0e-100:501:96//Hs.30204:AA497127

R-OVARC1000936//EST//3.0e-74:367:98//Hs.145098:AA421696

R-OVARC1000937//EST//1.1e-53:290:95//Hs.162846:AA631215

R-OVARC1000945//ESTs//4.9e-51:301:89//Hs.20100:W25794

R-OVARC1000948//ESTs//3.7e-67:332:98//Hs.112570:AA621971

R-OVARC1000959//Small inducible cytokine A5 (RANTES)//7.2e-44:283:86//Hs.155464:AF088219

R-OVARC1000960//Homo sapiens KIAA0395 mRNA, partial cds//1.1e-41:348:80//Hs.43681:AL022394

R-OVARC1000971//EST//6.2e-05:126:70//Hs.160491:AI254909

R-OVARC1000984//ESTs, Weakly similar to No definition line found [C.elegans]//3.5e-68:346:96//Hs.25544:AA532784

R-OVARC1000996//EST//0.12:92:71//Hs.117141:AA678811

R-OVARC1000999//Homo sapiens KIAA0414 mRNA, partial cds//1.5e-44:513:73//Hs.127649:AB007874

R-OVARC1001000//ESTs//1.8e-22:198:80//Hs.140608:N53448

R-OVARC1001004//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//
1.7e-28:181:77//Hs.139107:K00629

R-OVARC1001010//EST//2.1e-09:92:85//Hs.147893:AI223270

R-OVARC1001011//EST//2.4e-14:200:75//Hs.149290:AI248117

R-OVARC1001032//EST//2.7e-29:304:73//Hs.141733:W80630

R-OVARC1001034//Homo sapiens apoptotic protease activating factor 1 (Apaf-1) mRNA, complete cds//2.1e-09:137:74//Hs.77579:AF013263

R-OVARC1001038//Homo sapiens TRIAD1 type I mRNA, complete cds//4.1e-101:501:96//Hs.9899:AF099149

R-OVARC1001040//ESTs//2.9e-87:415:99//Hs.132812:AI032046

R-OVARC1001044//ESTs//1.1e-83:432:96//Hs.55043:N94384

R-OVARC1001051//60S RIBOSOMAL PROTEIN L41//1.2e-16:124:88//Hs.108124:Z12962

R-OVARC1001055//ESTs//2.4e-23:238:76//Hs.141421:H99231

R-OVARC1001062//ESTs//3.4e-92:469:96//Hs.34658:N98652

R-OVARC1001068//Homo sapiens Era GTPase A protein (HERA-A) mRNA, partial cds//7.3e-97:463:98//Hs.3426:AF082657

R-OVARC1001072//ESTs//1.3e-34:227:89//Hs.126704:W95844

R-OVARC1001074

R-OVARC1001085//Human T-cell leukemia virus enhancer factor//1.0:94:69//Hs.103126:U57029

R-OVARC1001092//Homo sapiens mRNA for JM5 protein, complete CDS (clone IMAGE 53337, LLNLc110F1857Q7 (RZPD Berlin) and LLNLc110G0913Q7 (RZPD Berlin))//1.4e-96:325:98//Hs.21753:AJ005897

R-OVARC1001113//Homo sapiens diaphanous 1 (HDIA1) mRNA, complete cds//3.3e-75:386:95//Hs.26584:AF051782

R-OVARC1001117//Human G protein-coupled receptor (STRL22) mRNA, complete cds//3.9e-37:283:84//Hs.46468:U45984

R-OVARC1001118//ESTs//5.3e-99:485:97//Hs.130815:AA936548

R-OVARC1001129//ESTs//9.8e-66:351:95//Hs.18616:T99312

R-OVARC1001161//ESTs, Moderately similar to !!!! ALU SUBFAMILY SX WARNIN
G ENTRY !!!! [H.sapiens]//2.2e-66:346:95//Hs.53263:AA173226

R-OVARC1001162//EST//1.5e-44:376:80//Hs.161917:AA483223

R-OVARC1001167//ESTs//4.7e-110:548:96//Hs.35254:AI133727

R-OVARC1001169//ESTs//0.22:152:68//Hs.149424:AI274200

R-OVARC1001170//Small inducible cytokine A5 (RANTES)//1.8e-42:305:84//Hs
.155464:AF088219

R-OVARC1001173//EST//2.5e-35:182:84//Hs.161917:AA483223

R-OVARC1001180//Human macrophage-derived chemokine precursor (MDC) mRNA,
complete cds//6.6e-64:247:80//Hs.97203:U83171

R-OVARC1001188//ESTs//4.1e-18:296:69//Hs.139197:AA228343

R-OVARC1001200//ESTs//2.0e-28:207:85//Hs.35121:AA877826

R-OVARC1001232//ESTs//3.2e-61:358:91//Hs.6449:W95025

R-OVARC1001240//ESTs//6.7e-45:316:85//Hs.121675:AA629668

R-OVARC1001243//ESTs//2.3e-86:409:99//Hs.163091:AA742361

R-OVARC1001261//ESTs//0.63:125:64//Hs.155743:AI344166

R-OVARC1001268//ESTs//8.1e-20:113:98//Hs.109477:AA477929

R-OVARC1001270//ESTs//1.5e-107:530:97//Hs.62905:AA460708

R-OVARC1001271//ESTs//4.5e-36:401:72//Hs.20190:AA525532

R-OVARC1001282//EST//4.0e-91:428:99//Hs.145599:AI263113

R-OVARC1001296//ESTs//2.6e-63:301:100//Hs.125753:AA740885

R-OVARC1001306//Homo sapiens mRNA for KIAA0518 protein, partial cds//3.8
e-70:334:100//Hs.23763:AB011090

R-OVARC1001329//Clathrin, light polypeptide (Lcb)//1.3e-68:304:83//Hs.73
919:X81637

R-OVARC1001330//Proline arginine-rich end leucine-rich repeat protein//1
.0:147:63//Hs.76494:U41344

R-OVARC1001339//Small inducible cytokine A5 (RANTES)//5.0e-48:452:76//Hs

.155464:AF088219

R-OVARC1001341//ESTs, Moderately similar to !!!! ALU SUBFAMILY SQ WARNIN
G ENTRY !!!! [H.sapiens]//6.9e-85:464:93//Hs.23651:AA650356

R-OVARC1001342//40S RIBOSOMAL PROTEIN S8//4.9e-110:568:95//Hs.118690:X67
247

R-OVARC1001344//EST//3.6e-44:341:81//Hs.162197:AA535216

R-OVARC1001357//TUMOR-ASSOCIATED ANTIGEN L6//9.8e-44:250:93//Hs.3337:M90
657

R-OVARC1001360//ESTs//5.2e-110:534:98//Hs.24743:AA843844

R-OVARC1001369//ESTs//1.7e-98:478:97//Hs.7729:AA830777

R-OVARC1001372//ESTs//2.6e-97:456:99//Hs.153648:AI341415

R-OVARC1001376//Homo sapiens mRNA for KIAA0575 protein, complete cds//1.
1e-53:344:72//Hs.153468:AB011147

R-OVARC1001381//ESTs//5.1e-19:200:66//Hs.114031:AA700958

R-OVARC1001391

R-OVARC1001399//ESTs//0.0039:48:95//Hs.117964:N20913

R-OVARC1001417//Homo sapiens EXLM1 mRNA, complete cds//3.2e-111:561:95//
Hs.21586:AB006651

R-OVARC1001419

R-OVARC1001425//EST//5.7e-20:395:66//Hs.159707:AI393136

R-OVARC1001436//ESTs//9.6e-90:427:99//Hs.6982:AA622427

R-OVARC1001442//ESTs//1.1e-66:317:100//Hs.18437:AI206345

R-OVARC1001453//ESTs//2.0e-20:163:84//Hs.133503:AA628592

R-OVARC1001476//EST//0.23:125:66//Hs.71444:AA131700

R-OVARC1001480//ESTs//3.1e-56:181:97//Hs.40109:AA928694

R-OVARC1001489//ESTs//1.0:297:58//Hs.86723:AA393089

R-OVARC1001496//Homo sapiens C-terminal binding protein 2 mRNA, complete
cds//3.0e-117:585:96//Hs.6534:AF016507

R-OVARC1001506//Small inducible cytokine A5 (RANTES)//1.8e-48:283:90//Hs

.155464:AF088219

R-OVARC1001525//EST//0.80:170:60//Hs.157398:AI364539

R-OVARC1001542//Homo sapiens hJTB mRNA, complete cds//1.6e-111:566:95//Hs.6396:AB016492

R-OVARC1001547//ESTs//5.7e-105:564:93//Hs.68835:AA088388

R-OVARC1001577//Homo sapiens SRp46 splicing factor retropseudogene mRNA/
/4.4e-20:150:89//Hs.155160:AF031166

R-OVARC1001600//Human mRNA for KIAA0118 gene, partial cds//8.6e-21:282:7
2//Hs.154326:D42087

R-OVARC1001610//ESTs//4.6e-108:555:95//Hs.44295:N32019

R-OVARC1001611//ESTs//0.0021:117:71//Hs.135568:AA972965

R-OVARC1001615//Homo sapiens KIAA0409 mRNA, partial cds//9.2e-19:114:78/
/Hs.5158:AB007869

R-OVARC1001668//ESTs//1.0:127:69//Hs.153290:AI022659

R-OVARC1001702//ESTs//4.8e-44:225:97//Hs.96855:AA346854

R-OVARC1001703//ESTs//2.3e-89:426:99//Hs.27099:W60080

R-OVARC1001711//ESTs//1.9e-57:251:99//Hs.9732:AA527784

R-OVARC1001726//ESTs, Highly similar to APICAL PROTEIN [Xenopus laevis]
//1.2e-27:236:81//Hs.15485:AA046954

R-OVARC1001731//Tropomyosin 4 (fibroblast)//7.9e-74:422:90//Hs.102824:XO
5276

R-OVARC1001745//Human mRNA for tryptophan hydroxylase (EC 1.14.16.4)//1.
7e-62:300:83//Hs.144563:AF057280

R-OVARC1001762//ESTs, Weakly similar to N-TERMINAL ACETYLTRANSFERASE 1 [
S.cerevisiae]//6.8e-100:540:92//Hs.117741:AA903456

R-OVARC1001766//Homo sapiens eukaryotic translation initiation factor ei
F3, p35 subunit mRNA, complete cds//1.1e-109:567:94//Hs.155377:U97670

R-OVARC1001767//Homo sapiens mRNA for KIAA0675 protein, complete cds//2.
0e-109:529:97//Hs.15869:AB014575

R-OVARC1001768//ESTs//3.5e-59:327:94//Hs.107923:H66127
 R-OVARC1001791//ESTs//1.3e-111:565:96//Hs.6107:AA160604
 R-OVARC1001795//ESTs//2.8e-97:526:93//Hs.72158:AA156978
 R-OVARC1001802//Homo sapiens DEC-205 mRNA, complete cds//4.8e-36:276:81/
 /Hs.153563:AF011333
 R-OVARC1001805//ESTs//4.1e-78:375:98//Hs.126902:AI374688
 R-OVARC1001812//EST//4.8e-45:349:80//Hs.162677:AA604831
 R-OVARC1001813//Homo sapiens mRNA for KIAA0538 protein, partial cds//2.1
 e-15:519:63//Hs.25639:AB011110
 R-OVARC1001820//ESTs//9.5e-50:314:80//Hs.140491:W52705
 R-OVARC1001828//ESTs//0.11:186:63//Hs.29055:AI374621
 R-OVARC1001846//ESTs//0.34:134:66//Hs.152992:AI242160
 R-OVARC1001861//ESTs//2.3e-19:120:92//Hs.42225:N31809
 R-OVARC1001873//Homo sapiens clones 24718 and 24825 mRNA sequence//1.9e-
 105:571:91//Hs.25300:AF070611
 R-OVARC1001879//EST//1.3e-24:185:85//Hs.136617:AA630476
 R-OVARC1001880//Homo sapiens mRNA for KIAA0575 protein, complete cds//2.
 2e-49:302:90//Hs.153468:AB011147
 R-OVARC1001883//ESTs//1.0e-51:295:93//Hs.164059:AA447310
 R-OVARC1001900//Homo sapiens tumorous imaginal discs protein Tid56 homol
 og (TID1) mRNA, complete cds//1.6e-87:346:90//Hs.6216:AF061749
 R-OVARC1001901//ESTs//6.8e-24:132:98//Hs.130797:AA904435
 R-OVARC1001911//ESTs//1.1e-88:491:92//Hs.32343:W73855
 R-OVARC1001916//ESTs//7.9e-97:491:95//Hs.24989:H97842
 R-OVARC1001928
 R-OVARC1001942//ESTs, Weakly similar to N-TERMINAL ACETYLTRANSFERASE 1 [
 S.cerevisiae] //2.5e-39:253:88//Hs.117741:AA903456
 R-OVARC1001943//ESTs//9.3e-13:78:100//Hs.143680:W38637
 R-OVARC1001949//ESTs, Highly similar to ZINC FINGER PROTEIN 8 [Homo sap

iens] //8.3e-96:498:94//Hs.22744:AI379892
R-OVARC1001950//EST//1.3e-35:236:81//Hs.132635:AI032875
R-OVARC1001987//ESTs//5.6e-94:514:92//Hs.21148:AI183729
R-OVARC1001989//ESTs//9.7e-46:228:99//Hs.127046:AA935887
R-OVARC1002044//ESTs//3.4e-45:303:85//Hs.132722:AA618531
R-OVARC1002050//Homo sapiens mRNA for KIAA0465 protein, partial cds//4.4
e-109:542:96//Hs.108258:AB007934
R-OVARC1002066//ESTs//8.5e-97:455:99//Hs.135477:AI088556
R-OVARC1002082//Homo sapiens mRNA for KIAA0772 protein, complete cds//8.
1e-47:340:82//Hs.15519:AB018315
R-OVARC1002107//ESTs//5.9e-103:498:98//Hs.157207:AA629860
R-OVARC1002127//ESTs//3.0e-87:419:98//Hs.127833:AI347130
R-OVARC1002138//ESTs, Weakly similar to HYPOTHETICAL 54.7 KD PROTEIN C07
A9.1 IN CHROMOSOME III [Caenorhabditis elegans] //1.7e-102:485:98//Hs.137
516:AA805691
R-OVARC1002143//ESTs//1.3e-79:428:92//Hs.158126:W26825
R-OVARC1002156//ESTs//1.6e-38:198:98//Hs.22957:AA478923
R-OVARC1002158//ESTs//7.3e-81:412:96//Hs.12211:AA908631
R-OVARC1002165//ESTs//1.8e-09:154:72//Hs.49354:AA424160
R-OVARC1002182//ESTs//4.3e-80:465:91//Hs.77067:AA040478
R-PLACE1000004//ESTs, Weakly similar to TEICHOIC ACID BIOSYNTHESIS PROTE
IN A [Bacillus subtilis] //7.5e-32:164:99//Hs.144194:AA706337
R-PLACE1000005//EST//0.37:212:60//Hs.127020:AA934920
R-PLACE1000007//Homo sapiens clone 24422 mRNA sequence//3.8e-16:100:97//
Hs.109268:AF070557
R-PLACE1000014//EST//9.6e-44:344:77//Hs.161917:AA483223
R-PLACE1000031//ESTs//2.2e-32:374:70//Hs.117969:H94870
R-PLACE1000040//ESTs//0.00017:316:59//Hs.23342:AI310440
R-PLACE1000048//Human Line-1 repeat mRNA with 2 open reading frames//4.8

e-79:519:86//Hs.23094:M19503
R-PLACE1000050//ESTs//9.7e-90:453:96//Hs.27410:N25612
R-PLACE1000061//Ribosomal protein L37a//5.5e-22:126:97//Hs.1946:L06499
R-PLACE1000066//ESTs, Weakly similar to coded for by C. elegans cDNA yk1
Oc10.3 [C.elegans] //1.4e-61:331:94//Hs.30026:AI356771
R-PLACE1000078//ESTs//2.6e-30:212:85//Hs.89312:AA167659
R-PLACE1000081
R-PLACE1000094
R-PLACE1000133//ESTs//4.4e-87:448:94//Hs.93748:AA884505
R-PLACE1000142//ESTs, Weakly similar to enoyl-CoA hydratase [H.sapiens]/
/5.5e-103:538:94//Hs.9670:AA632135
R-PLACE1000184//Homo sapiens estrogen-related receptor gamma mRNA, compl
ete cds//4.1e-114:594:94//Hs.151017:AF058291
R-PLACE1000185//ESTs, Weakly similar to No definition line found [C.eleg
ans] //2.0e-19:114:95//Hs.7036:W22072
R-PLACE1000213//ESTs//9.4e-99:494:96//Hs.24398:AI262946
R-PLACE1000214//ESTs//5.3e-98:466:98//Hs.28661:AA805916
R-PLACE1000236//Human BENE mRNA, partial cds//1.7e-19:162:84//Hs.85889:U
17077
R-PLACE1000246//EST//0.026:134:66//Hs.135611:Z21545
R-PLACE1000292//ESTs//2.5e-80:418:96//Hs.138233:N57912
R-PLACE1000332//EST//1.7e-82:422:96//Hs.118637:T61940
R-PLACE1000347//ESTs//8.5e-36:180:100//Hs.6377:AA632424
R-PLACE1000374//ESTs//2.8e-90:434:98//Hs.161785:AI423126
R-PLACE1000380//ESTs//1.0e-81:399:97//Hs.47105:AI334994
R-PLACE1000383//ESTs//3.7e-75:405:94//Hs.23200:AA203708
R-PLACE1000401//ESTs//1.4e-16:212:72//Hs.151665:AA020959
R-PLACE1000406//ESTs//2.1e-51:259:97//Hs.129651:N53089
R-PLACE1000420//ESTs//7.7e-92:471:95//Hs.144407:AA737799

R-PLACE1000421//ESTs//2.9e-14:282:67//Hs.142068:AA176125
 R-PLACE1000424//EST//2.9e-35:453:70//Hs.162404:AA573131
 R-PLACE1000435//Homo sapiens protein phosphatase with EF-hands-2 long form (PPEF-2) mRNA, complete cds//1.6e-47:472:77//Hs.113259:AF023456
 R-PLACE1000444//ESTs, Moderately similar to platelet glycoprotein IIb precursor [H.sapiens]//2.0e-58:410:81//Hs.97579:AA398118
 R-PLACE1000453//ESTs//2.3e-85:442:95//Hs.9725:AA039793
 R-PLACE1000481//ESTs, Weakly similar to Ndr protein kinase [H.sapiens]//3.2e-109:549:95//Hs.19074:U69566
 R-PLACE1000492//ESTs, Highly similar to vacuolar protein sorting homolog r-vps33b [R.norvegicus]//3.5e-83:435:94//Hs.26510:AA700425
 R-PLACE1000540//ESTs//3.2e-58:281:99//Hs.118270:AA844729
 R-PLACE1000547//Homo sapiens mRNA for KIAA0640 protein, partial cds//2.2e-32:208:88//Hs.153026:AB014540
 R-PLACE1000562//ESTs, Weakly similar to HYPOTHETICAL 23.0 KD PROTEIN IN IXR1-TFA1 INTERGENIC REGION [Saccharomyces cerevisiae]//1.9e-26:220:81//Hs.163791:W25348
 R-PLACE1000564//ESTs//1.1e-54:302:92//Hs.158520:AI380485
 R-PLACE1000583//Human mRNA for KIAA0355 gene, complete cds//5.5e-43:404:75//Hs.153014:AB002353
 R-PLACE1000588//Guanylate binding protein 1, interferon-inducible, 67kD//6.1e-79:542:82//Hs.62661:M55542
 R-PLACE1000596//ESTs//0.0028:364:59//Hs.106090:AA457030
 R-PLACE1000599//Human mRNA for KIAA0118 gene, partial cds//4.3e-49:295:90//Hs.154326:D42087
 R-PLACE1000610//ESTs//0.0010:104:74//Hs.17413:N45301
 R-PLACE1000636//ESTs//1.8e-64:340:95//Hs.100895:AA479308
 R-PLACE1000653//Homo sapiens N-acetylglucosamine-phosphate mutase mRNA, complete cds//5.3e-101:506:96//Hs.5819:AF102265

R-PLACE1000656//Homo sapiens mRNA for JM4 protein, complete CDS (clone I
MAGE 546750 and LLNLc110F1857Q7 (RZPD Berlin))//1.4e-102:559:92//Hs.2959
5:AJ005896

R-PLACE1000706//Homo sapiens transcription intermediary factor 1 (TIF1)
mRNA, complete cds//2.8e-10:281:64//Hs.128763:AF009353

R-PLACE1000712//ESTs//7.8e-60:317:95//Hs.8245:AA115485

R-PLACE1000716

R-PLACE1000748//ESTs//8.9e-87:466:93//Hs.25245:AA176701

R-PLACE1000749//EST//0.019:186:61//Hs.135443:AI077396

R-PLACE1000755//ESTs, Weakly similar to HYPOTHETICAL HELICASE K12H4.8 IN
CHROMOSOME III [C.elegans]//3.9e-40:224:94//Hs.87889:AA262008

R-PLACE1000769//Homo sapiens clone 24566 mRNA sequence//6.5e-27:531:66//
Hs.133342:AF070536

R-PLACE1000785//Homo sapiens mRNA for KIAA0648 protein, partial cds//8.5
e-103:513:96//Hs.31921:AB014548

R-PLACE1000786//ESTs//5.2e-93:449:97//Hs.58389:W74482

R-PLACE1000793//H.sapiens mRNA for chemokine HCC-1//0.88:201:60//Hs.2014
4:AF088219

R-PLACE1000798//ESTs//1.1e-97:508:94//Hs.139119:N32189

R-PLACE1000841//ESTs, Highly similar to guanine nucleotide regulatory pr
oteins [H.sapiens]//7.7e-31:220:86//Hs.117576:R33135

R-PLACE1000849//ESTs//1.8e-87:459:94//Hs.43100:AA186588

R-PLACE1000856//ESTs//0.0084:224:59//Hs.145906:AI275039

R-PLACE1000863//ESTs, Highly similar to PUTATIVE 40S RIBOSOMAL PROTEIN
YHR148W [Saccharomyces cerevisiae]//2.2e-92:467:95//Hs.6118:AI141558

R-PLACE1000909//ESTs//4.7e-89:435:97//Hs.95744:AI392846

R-PLACE1000931//EST//1.9e-28:261:73//Hs.135545:AI097091

R-PLACE1000948//ESTs//0.034:329:58//Hs.114851:AA608697

R-PLACE1000972//EST//3.3e-24:264:74//Hs.130321:AI002941

R-PLACE1000977//EST//0.085:153:65//Hs.131646:AI025689
R-PLACE1000979
R-PLACE1001000//ESTs//4.7e-56:284:96//Hs.117978:AA810725
R-PLACE1001007//ESTs, Moderately similar to MNK1 [H.sapiens] //5.2e-63:34
3:93//Hs.5662:AA868361
R-PLACE1001010//EST//0.96:53:71//Hs.96973:AA351146
R-PLACE1001015//Oxytocin receptor//2.8e-25:308:71//Hs.2820:X64878
R-PLACE1001024//ESTs//5.0e-12:79:96//Hs.97910:AA404736
R-PLACE1001036//ESTs//4.0e-15:301:65//Hs.137947:AI025762
R-PLACE1001062//ESTs//5.2e-15:199:73//Hs.138982:AA056120
R-PLACE1001076//ESTs//3.9e-84:406:98//Hs.115455:AA678124
R-PLACE1001088//ESTs//3.0e-106:518:97//Hs.158964:AA639580
R-PLACE1001092//Homo sapiens SEC63 (SEC63) mRNA, complete cds//0.035:259
:59//Hs.31575:AF100141
R-PLACE1001104//ESTs//6.1e-115:582:95//Hs.10972:AA164268
R-PLACE1001118//ESTs//6.9e-81:440:93//Hs.5383:AA913610
R-PLACE1001136//ESTs//7.4e-41:168:83//Hs.95115:AA206594
R-PLACE1001168//ESTs//3.9e-21:116:99//Hs.5897:AA148834
R-PLACE1001171//ESTs, Highly similar to CYTOCHROME B-245 LIGHT CHAIN [H.
sapiens] //0.91:77:71//Hs.115211:AA287527
R-PLACE1001185//ESTs//1.5e-65:330:96//Hs.26368:AA789297
R-PLACE1001238//ESTs, Moderately similar to RNA polymerase I associated
factor [M.musculus] //1.9e-99:512:94//Hs.24884:AA176812
R-PLACE1001241//ESTs//1.1e-81:446:93//Hs.42278:AI073464
R-PLACE1001257//EST//6.4e-46:298:87//Hs.162404:AA573131
R-PLACE1001272//ESTs//0.31:158:61//Hs.42960:N95371
R-PLACE1001279//ESTs//1.8e-77:376:97//Hs.29276:AA427780
R-PLACE1001280//ESTs//1.1e-30:134:89//Hs.163492:AI334460
R-PLACE1001294//ESTs, Moderately similar to GAMETOGENESIS EXPRESSED PROT

EIN GEG-154 [M.musculus]//2.7e-22:181:84//Hs.48320:AA149548
R-PLACE1001304//ESTs, Weakly similar to ZINC FINGER PROTEIN 135 [H.sapie
ns]//4.2e-34:195:92//Hs.86276:W27601
R-PLACE1001311//ESTs//9.1e-91:438:97//Hs.41055:AI339056
R-PLACE1001323//Human transmembrane 4 superfamily protein (SAS) mRNA, co
mplete cds//5.5e-44:215:86//Hs.50984:U01160
R-PLACE1001351//ESTs//2.4e-101:494:97//Hs.23944:AI097077
R-PLACE1001366//Small inducible cytokine A5 (RANTES)//8.7e-43:284:85//Hs
.155464:AF088219
R-PLACE1001377//Homo sapiens ADAM10 (ADAM10) mRNA, complete cds//2.3e-81
:431:93//Hs.152005:AF009615
R-PLACE1001383//Homo sapiens clone 24538 mRNA sequence//1.0e-36:192:97//
Hs.12342:AF055030
R-PLACE1001384//Homo sapiens multi PDZ domain protein MUPP1 (MUPP1) mRNA
, complete cds//1.0e-86:456:94//Hs.21301:AF093419
R-PLACE1001387//ESTs//6.0e-74:383:94//Hs.55016:AI298280
R-PLACE1001395//ESTs//2.3e-94:473:95//Hs.22394:N32555
R-PLACE1001399//ESTs//2.6e-41:204:100//Hs.24462:N36348
R-PLACE1001412//Homo sapiens clone 643 unknown mRNA, complete sequence//
2.6e-45:242:95//Hs.110404:AF091087
R-PLACE1001414//ESTs//0.0013:77:75//Hs.144614:AA291800
R-PLACE1001440
R-PLACE1001456//EST//0.76:120:62//Hs.34011:H48115
R-PLACE1001468//ESTs//4.0e-80:403:96//Hs.131832:AI017547
R-PLACE1001484//ESTs//3.0e-16:201:72//Hs.153413:AI248625
R-PLACE1001502//ESTs//8.1e-31:161:99//Hs.126264:AA455617
R-PLACE1001503//ESTs//2.4e-37:176:81//Hs.141581:AA315361
R-PLACE1001517//Homo sapiens hGAA1 mRNA, complete cds//2.1e-57:339:90//H
s.4742:AB006969

R-PLACE1001534//ESTs//3.6e-61:304:97//Hs.45207:AI042153
R-PLACE1001545//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
RY !!!! [H.sapiens]//1.6e-22:170:85//Hs.155456:AA707265
R-PLACE1001551//ESTs//1.5e-39:202:98//Hs.139269:AA894431
R-PLACE1001570//EST//1.1e-70:495:82//Hs.144234:W52249
R-PLACE1001602//EST//0.33:297:57//Hs.149839:AI287601
R-PLACE1001603//ESTs//2.0e-17:181:76//Hs.155334:AA827904
R-PLACE1001610//EST//1.1e-86:442:95//Hs.112580:AA608683
R-PLACE1001611//Homo sapiens histone macroH2A1.2 mRNA, complete cds//1.1
e-42:217:97//Hs.75258:AF054174
R-PLACE1001632//ESTs, Highly similar to ZINC FINGER PROTEIN 91 [Homo sa
piens]//1.5e-78:458:91//Hs.114547:AA167095
R-PLACE1001634//ESTs//0.0035:40:97//Hs.101577:AI168526
R-PLACE1001640//ESTs//0.0028:377:57//Hs.131044:D61640
R-PLACE1001672//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING
ENTRY !!!! [H.sapiens]//0.98:141:62//Hs.153060:AA195804
R-PLACE1001691//Homo sapiens okadaic acid-inducible phosphoprotein (OA48
-18) mRNA, complete cds//4.7e-113:545:97//Hs.3688:AF069250
R-PLACE1001692//EST//3.0e-43:430:75//Hs.162975:AA679124
R-PLACE1001705//ESTs//3.0e-81:418:94//Hs.22646:AI374903
R-PLACE1001716//EST//0.76:150:62//Hs.128906:AA983667
R-PLACE1001720//ESTs//2.4e-64:385:90//Hs.60455:AA010993
R-PLACE1001729//ESTs//2.9e-84:418:96//Hs.134740:AA282171
R-PLACE1001739//ESTs, Weakly similar to P68 PROTEIN [H.sapiens]//9.1e-32
:206:89//Hs.6366:AA614113
R-PLACE1001740//EST//6.5e-05:113:68//Hs.139949:AA644266
R-PLACE1001745//ESTs//3.3e-92:473:95//Hs.104270:AA236479
R-PLACE1001746//ESTs//8.8e-93:443:98//Hs.112198:AI423937
R-PLACE1001748//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds/

/4.1e-93:540:89//Hs.4812:AF061243
R-PLACE1001756//ESTs//0.17:157:66//Hs.141565:N64662
R-PLACE1001761
R-PLACE1001771//ESTs//0.92:165:62//Hs.47387:N51980
R-PLACE1001781//ESTs//5.7e-84:437:95//Hs.23363:AA081236
R-PLACE1001799//EST//0.00039:126:65//Hs.123267:AA807352
R-PLACE1001817//Homo sapiens ATP-specific succinyl-CoA synthetase beta s
ubunit (SCS) mRNA, partial cds//1.3e-93:463:95//Hs.40820:AF058953
R-PLACE1001821//Small inducible cytokine A5 (RANTES)//2.7e-35:328:75//Hs
.155464:AF088219
R-PLACE1001845
R-PLACE1001869//EST//1.0:207:62//Hs.137298:W32868
R-PLACE1001897//ESTs//2.4e-23:219:80//Hs.7503:H50009
R-PLACE1001912//ESTs//1.5e-32:162:78//Hs.136810:AA789098
R-PLACE1001920//Homo sapiens TNF-induced protein GG2-1 mRNA, complete cd
s//3.9e-74:363:97//Hs.17839:AF099936
R-PLACE1001928//Homo sapiens mRNA for KIAA0623 protein, complete cds//0.
85:130:66//Hs.151406:AB014523
R-PLACE1001983//ESTs//2.8e-66:334:96//Hs.110155:AA007313
R-PLACE1001989//ESTs//1.3e-88:453:95//Hs.132717:AA171941
R-PLACE1002046
R-PLACE1002052//ESTs//1.7e-79:428:94//Hs.6737:N32595
R-PLACE1002066//ESTs//2.8e-82:427:94//Hs.132972:AA543094
R-PLACE1002072//ESTs//0.27:108:66//Hs.123163:AA809619
R-PLACE1002073//EST//5.5e-70:369:95//Hs.132339:AI028552
R-PLACE1002090//ESTs//6.3e-73:361:96//Hs.134469:AA731632
R-PLACE1002115//ESTs//4.6e-34:233:88//Hs.163443:R23311
R-PLACE1002119//ESTs//1.2e-88:444:96//Hs.15725:AA521293
R-PLACE1002140//ESTs//6.6e-22:118:100//Hs.22793:W91937

R-PLACE1002150//ESTs//4.0e-96:465:98//Hs.7312:AI167614
 R-PLACE1002157//EST, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOMO
 LOG [H.sapiens]//3.6e-39:400:76//Hs.162172:AA534189
 R-PLACE1002163//ESTs//3.2e-83:428:95//Hs.137011:AI185965
 R-PLACE1002171//ESTs//5.3e-68:392:90//Hs.62273:AA143745
 R-PLACE1002205//ESTs//1.5e-39:211:95//Hs.28338:N48793
 R-PLACE1002213//ESTs//5.1e-38:290:83//Hs.146811:AA410788
 R-PLACE1002227//EST//1.3e-14:214:72//Hs.46979:N49892
 R-PLACE1002256//ESTs//2.4e-100:484:98//Hs.9343:AI004257
 R-PLACE1002259//Human Line-1 repeat mRNA with 2 open reading frames//5.8
 e-67:501:81//Hs.23094:M19503
 R-PLACE1002319//ESTs//1.4e-28:178:92//Hs.7353:AA209308
 R-PLACE1002342//Homo sapiens mRNA for KIAA0728 protein, partial cds//1.6
 e-95:501:93//Hs.18277:AB018271
 R-PLACE1002395//ESTs//3.6e-25:248:77//Hs.3853:AA034291
 R-PLACE1002399//ESTs//1.5e-27:238:78//Hs.13014:W26381
 R-PLACE1002433//ESTs//4.3e-108:511:98//Hs.98324:AA621959
 R-PLACE1002437//EST//1.2e-06:158:61//Hs.159833:T24110
 R-PLACE1002438//Sjogren syndrome antigen B (autoantigen La)//0.93:176:60
 //Hs.83715:X69804
 R-PLACE1002450//ESTs//1.5e-89:432:98//Hs.47371:AA136333
 R-PLACE1002465//ESTs//1.6e-92:488:93//Hs.78110:AA741320
 R-PLACE1002474//Human matrilin-2 precursor mRNA, partial cds//4.9e-23:16
 6:85//Hs.19368:U69263
 R-PLACE1002477//ESTs//2.5e-62:305:98//Hs.88605:AA421132
 R-PLACE1002493//Homo sapiens signal transducing adaptor molecule 2A (STA
 M2) mRNA, complete cds//3.6e-55:307:91//Hs.17200:AF042273
 R-PLACE1002499//ESTs//7.4e-72:373:96//Hs.128221:AA972429
 R-PLACE1002500//Homo sapiens KIAA0409 mRNA, partial cds//1.2e-40:296:83/

/Hs.5158:AB007869

R-PLACE1002514//ESTs, Weakly similar to !!!! ALU SUBFAMILY SB1 WARNING E
NTRY !!!! [H.sapiens] //6.4e-14:217:69//Hs.152230:AI140609

R-PLACE1002529//Homo sapiens mRNA for KIAA0713 protein, partial cds//5.1
e-88:582:85//Hs.88756:AB018256

R-PLACE1002532//Homo sapiens BAC clone RG300E22 from 7q21-q31.1//2.7e-19
:116:93//Hs.99348:AC004774

R-PLACE1002537//ESTs//4.8e-93:440:99//Hs.164005:AA766491

R-PLACE1002571//ESTs, Highly similar to ACTIN-LIKE PROTEIN 13E [Drosoph
ila melanogaster] //1.3e-108:555:95//Hs.23259:AA532437

R-PLACE1002578//EST//1.9e-40:337:81//Hs.162404:AA573131

R-PLACE1002583//EST//1.2e-07:264:65//Hs.156414:AI339738

R-PLACE1002591//ESTs//2.3e-67:372:94//Hs.143046:N73778

R-PLACE1002598//ESTs, Highly similar to PROTEIN HI1715 [Haemophilus inf
luenzae] //1.2e-44:228:97//Hs.7527:AA843208

R-PLACE1002604//ESTs//3.3e-106:532:96//Hs.86828:AA632147

R-PLACE1002625//EST//3.8e-13:173:74//Hs.138597:H77749

R-PLACE1002665//Small inducible cytokine A4 (homologous to mouse Mip-1b)
//1.0:189:58//Hs.75703:J04130

R-PLACE1002685//Homo sapiens B cell linker protein BLNK mRNA, alternativ
ely spliced, complete cds//3.8e-79:390:97//Hs.124903:AF068180

R-PLACE1002714//ESTs//8.2e-63:340:93//Hs.7973:H19830

R-PLACE1002722//ESTs, Weakly similar to putative G-protein-coupled recep
tor [H.sapiens] //6.8e-75:445:90//Hs.29202:R71586

R-PLACE1002768//ESTs//1.2e-70:359:95//Hs.132600:H12865

R-PLACE1002772//ESTs//8.1e-49:362:82//Hs.141254:AI334099

R-PLACE1002782//ESTs//2.4e-58:284:98//Hs.143545:AI149014

R-PLACE1002794//ESTs//5.4e-21:114:100//Hs.77365:W93593

R-PLACE1002811//ESTs//6.7e-68:329:98//Hs.78026:AA456955

R-PLACE1002815//ESTs//6.8e-103:537:93//Hs.5459:AI304392
R-PLACE1002816//ESTs//3.9e-05:118:68//Hs.98641:AA429916
R-PLACE1002834//ESTs, Highly similar to ZINC FINGER PROTEIN 91 [Homo sapiens] //2.1e-42:233:94//Hs.61518:AA167094
R-PLACE1002839//ESTs//1.7e-10:292:64//Hs.93012:R96142
R-PLACE1002851//ESTs//1.7e-73:381:95//Hs.135021:AI096756
R-PLACE1002853//ESTs//1.2e-89:453:96//Hs.23630:N57539
R-PLACE1002881//ESTs//1.1e-71:360:96//Hs.34392:AI066762
R-PLACE1002908//EST//2.7e-31:177:94//Hs.147925:AI249332
R-PLACE1002941//ESTs//4.0e-96:519:92//Hs.125139:AA523995
R-PLACE1002962
R-PLACE1002968//ESTs//4.7e-31:420:69//Hs.116518:AA653202
R-PLACE1002991//ESTs//9.0e-81:418:95//Hs.132717:AA171941
R-PLACE1002993//ESTs, Weakly similar to !!!! ALU SUBFAMILY SB WARNING ENTRY !!!! [H.sapiens] //1.3e-86:502:89//Hs.32232:AA604268
R-PLACE1002996//ESTs//1.9e-44:218:100//Hs.63657:AI144268
R-PLACE1003025//ESTs//8.4e-104:517:96//Hs.10711:AI151499
R-PLACE1003027//Human mRNA for KIAA0238 gene, partial cds//0.97:156:60//Hs.82042:D87075
R-PLACE1003044//Human onconeural ventral antigen-1 (Nova-1) mRNA, complete cds//1.0:200:63//Hs.214:U04840
R-PLACE1003092//ESTs//0.0046:267:60//Hs.133095:AA927777
R-PLACE1003100//ESTs, Highly similar to NODULATION PROTEIN G [Rhizobium meliloti] //9.5e-94:491:93//Hs.6318:AI131178
R-PLACE1003108//ESTs//0.00065:184:66//Hs.154366:AA527359
R-PLACE1003136//Signal recognition particle 54 kD protein//0.057:317:59//Hs.49346:U51920
R-PLACE1003145//ESTs//1.9e-98:534:92//Hs.61929:AA044757
R-PLACE1003153//ESTs//5.8e-76:367:98//Hs.105196:AA483467

R-PLACE1003174//ESTs//1.7e-44:226:98//Hs.59688:AA453924
R-PLACE1003176
R-PLACE1003190//ESTs//1.6e-74:356:99//Hs.121282:AI091453
R-PLACE1003200//ESTs//4.6e-93:461:96//Hs.24321:AA971017
R-PLACE1003205//ESTs//0.037:171:61//Hs.157077:H44802
R-PLACE1003238//ESTs, Weakly similar to KIAA0001 [H.sapiens] //2.5e-82:43
6:94//Hs.58561:W79123
R-PLACE1003249//Human high-affinity copper uptake protein (hCTR1) mRNA,
complete cds//7.9e-44:313:84//Hs.73614:U83460
R-PLACE1003256//EST//9.6e-46:284:88//Hs.162404:AA573131
R-PLACE1003258//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
RY !!!! [H.sapiens] //8.3e-102:551:92//Hs.52431:AA625326
R-PLACE1003296//ESTs//1.9e-88:451:96//Hs.57749:W92986
R-PLACE1003302//ESTs, Highly similar to ZINC FINGER PROTEIN 43 [Homo sa.
piens] //8.2e-93:458:96//Hs.29147:AA883993
R-PLACE1003334//ESTs, Weakly similar to !!!! ALU CLASS B WARNING ENTRY !
!!! [H.sapiens] //3.3e-94:463:97//Hs.155050:AA908765
R-PLACE1003342//ESTs//6.0e-88:447:96//Hs.107527:R66438
R-PLACE1003343//EST//0.0087:412:58//Hs.159963:AA977701
R-PLACE1003353//Homo sapiens breast cancer antiestrogen resistance 3 pro
tein. (BCAR3) mRNA, complete cds//1.1e-99:469:98//Hs.6564:U92715
R-PLACE1003361//ESTs//3.5e-64:332:95//Hs.163861:AI199636
R-PLACE1003366//ESTs//1.0e-87:492:92//Hs.72222:AA158234
R-PLACE1003369//ESTs, Weakly similar to ZK1058.4 [C.elegans] //3.5e-18:10
9:95//Hs.27670:AI051591
R-PLACE1003373//Homo sapiens mRNA for KIAA0472 protein, partial cds//2.6
e-54:279:80//Hs.6874:AB007941
R-PLACE1003375//ESTs//1.7e-88:431:97//Hs.41327:AI039909
R-PLACE1003383//ESTs//0.00084:177:64//Hs.120695:AI377755

R-PLACE1003401//ESTs//1.1e-16:147:80//Hs.132187:AI039020
 R-PLACE1003420//ESTs//1.4e-93:481:94//Hs.122565:AI126840
 R-PLACE1003454//ESTs//4.0e-57:310:93//Hs.121688:AA743697
 R-PLACE1003478//EST//1.0:162:63//Hs.147003:AI184671
 R-PLACE1003493//ESTs//1.2e-73:383:95//Hs.28852:R64270
 R-PLACE1003516//ESTs//3.2e-23:206:80//Hs.138632:H97952
 R-PLACE1003519//H.sapiens hnRNP-E1 mRNA//1.7e-22:236:79//Hs.2853:Z29505
 R-PLACE1003521//ESTs//5.8e-74:371:96//Hs.30818:AA194980
 R-PLACE1003528//ESTs//1.1e-40:219:82//Hs.138856:H47461
 R-PLACE1003537//ESTs, Weakly similar to multispanning membrane protein [H.sapiens] //7.4e-69:338:98//Hs.110439:N93209
 R-PLACE1003553//ESTs//2.2e-87:438:97//Hs.132022:AI040321
 R-PLACE1003566//ESTs//1.2e-62:298:92//Hs.30799:AI052591
 R-PLACE1003575//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//2.4e-22:145:80//Hs.92381:AB007956
 R-PLACE1003583//ESTs, Weakly similar to hypothetical L1 protein [H.sapiens] //1.5e-14:264:65//Hs.158253:R86178
 R-PLACE1003584
 R-PLACE1003592//ESTs//1.3e-15:213:69//Hs.139507:T77542
 R-PLACE1003593//ESTs, Highly similar to FRG1 gene product [H.sapiens] //5.8e-75:459:89//Hs.23884:AI377106
 R-PLACE1003596//ESTs//0.011:273:61//Hs.71719:AA142875
 R-PLACE1003602//Homo sapiens mRNA expressed in placenta//7.8e-97:576:88//Hs.56851:D83200
 R-PLACE1003605//ESTs//3.7e-86:407:99//Hs.136057:AA988299
 R-PLACE1003611//ESTs//1.0:78:71//Hs.101248:T26446
 R-PLACE1003618//ESTs//6.8e-30:281:79//Hs.114455:AA411943
 R-PLACE1003625//ESTs//7.2e-78:377:98//Hs.102708:AA292285
 R-PLACE1003638//ESTs//6.7e-38:274:82//Hs.138852:AA284247

R-PLACE1003669//ESTs//9.7e-83:418:95//Hs.4842:AI342607
 R-PLACE1003704//ESTs//3.0e-13:99:89//Hs.81648:W26521
 R-PLACE1003709//ESTs//0.019:178:60//Hs.32100:N59866
 R-PLACE1003711//ESTs//0.99:126:63//Hs.47005:N98639
 R-PLACE1003723//ESTs//1.7e-89:448:96//Hs.157222:AA766987
 R-PLACE1003738//ESTs//2.5e-36:182:100//Hs.122162:AI057087
 R-PLACE1003760//Human globin gene//1.9e-98:538:91//Hs.100090:M69023
 R-PLACE1003762//EST//2.9e-15:125:85//Hs.162083:AA487512
 R-PLACE1003768//Human P042 gene, complete cds//3.1e-18:300:69//Hs.158302
 :U88965
 R-PLACE1003771//ESTs//1.2e-09:64:100//Hs.23799:AI003798
 R-PLACE1003783//ESTs, Weakly similar to D2085.5 [C.elegans]//3.8e-38:199
 :97//Hs.115197:AA215757
 R-PLACE1003784//ESTs//3.7e-87:428:97//Hs.157985:AI366909
 R-PLACE1003795//Homo sapiens mRNA for KIAA0575 protein, complete cds//3.
 2e-36:236:88//Hs.153468:AB011147
 R-PLACE1003833//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNIN
 G ENTRY !!!! [H.sapiens]//8.5e-62:313:96//Hs.121020:AA526092
 R-PLACE1003850//ESTs//4.0e-67:351:96//Hs.159303:T91059
 R-PLACE1003858//ESTs//0.96:87:66//Hs.107112:AA679058
 R-PLACE1003864
 R-PLACE1003870//EST//2.9e-34:281:79//Hs.160895:AI365871
 R-PLACE1003885
 R-PLACE1003886//ESTs//6.7e-85:410:97//Hs.25129:W93595
 R-PLACE1003888//ESTs//0.0085:165:64//Hs.96739:AA441915
 R-PLACE1003900//EST//2.4e-05:129:69//Hs.127931:AA969259
 R-PLACE1003903//ESTs, Highly similar to CTP SYNTHASE [Homo sapiens]//1.
 5e-54:282:96//Hs.58553:AA100804
 R-PLACE1003915//EST//0.87:55:76//Hs.145930:AI275760

R-PLACE1003923//ESTs//1.7e-89:456:95//Hs.14125:AA156236
 R-PLACE1003932//ESTs//3.0e-50:340:84//Hs.151208:AI126110
 R-PLACE1003936//EST//1.8e-08:208:65//Hs.162656:AA603567
 R-PLACE1003968//ESTs//7.4e-49:301:90//Hs.93850:AA115330
 R-PLACE1004104//ESTs//1.9e-46:254:94//Hs.96802:AA443231
 R-PLACE1004114//ESTs//1.2e-64:322:97//Hs.28928:AI052052
 R-PLACE1004118//ESTs//1.0e-83:404:98//Hs.112764:AA609770
 R-PLACE1004128//ESTs//5.3e-80:415:95//Hs.11835:AA040244
 R-PLACE1004149//ESTs//7.2e-25:331:72//Hs.141084:H11714
 R-PLACE1004156//Homo sapiens PYRIN (MEFV) mRNA, complete cds//2.0e-56:49
 1:76//Hs.113283:AF018080
 R-PLACE1004161//ESTs//2.0e-59:355:88//Hs.13830:AA918601
 R-PLACE1004183//Homo sapiens cytochrome c oxidase assembly protein COX11
 (COX11) mRNA, complete cds//4.7e-78:434:91//Hs.153504:AF044321
 R-PLACE1004197
 R-PLACE1004203//Homo sapiens GPI-anchored membrane protein CDw108 precursor,
 mRNA, complete cds//1.5e-105:501:98//Hs.24640:AF069493
 R-PLACE1004242//ESTs//1.0e-71:364:87//Hs.138632:H97952
 R-PLACE1004256//EST//0.0011:347:61//Hs.131385:AI022630
 R-PLACE1004257//EST//0.027:99:71//Hs.97587:AA398209
 R-PLACE1004258//KERATIN, TYPE I CYTOSKELETAL 14//0.72:180:63//Hs.117729:
 J00124
 R-PLACE1004270//ESTs//0.011:264:59//Hs.110044:AA181800
 R-PLACE1004274//Human retinoic acid receptor-beta associated open reading
 frame, complete sequence//0.28:121:66//Hs.1938:S82362
 R-PLACE1004277//Homo sapiens two pore domain K+ channel (TASK-2) mRNA, c
 omplete cds//1.4e-107:581:91//Hs.127007:AF084830
 R-PLACE1004284//ESTs//5.0e-22:187:82//Hs.23141:W92114
 R-PLACE1004289//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT

RY !!!! [H.sapiens] //2.9e-28:279:77//Hs.38687:AA744496
R-PLACE1004302//ESTs, Weakly similar to SOF1 PROTEIN [Saccharomyces cerevisiae] //8.2e-61:313:95//Hs.71435:AI253099
R-PLACE1004316//H.sapiens mRNA for apoptosis specific protein//6.0e-115:590:94//Hs.11171:Y11588
R-PLACE1004336//Cytochrome P450, subfamily I (aromatic compound-inducible), polypeptide 2//6.7e-69:572:77//Hs.1361:M55053
R-PLACE1004358//Homo sapiens connector enhancer of KSR-like protein CNK1 mRNA, complete cds//7.7e-72:379:93//Hs.16232:AF100153
R-PLACE1004376//ESTs//0.49:362:59//Hs.138086:AI056309
R-PLACE1004384//EST//1.0:47:76//Hs.128546:AA905556
R-PLACE1004388//ESTs, Weakly similar to contains similarity to ATP/GTP-binding site motif [C.elegans] //1.3e-98:572:90//Hs.14202:N46000
R-PLACE1004405//ESTs//3.4e-99:507:95//Hs.28792:AI343467
R-PLACE1004425//ESTs//2.7e-85:442:95//Hs.12544:N53665
R-PLACE1004428//ESTs//1.0e-07:114:78//Hs.140225:AA704101
R-PLACE1004437//Human NAD⁺-specific isocitrate dehydrogenase beta subunit precursor, mRNA, nuclear gene encoding mitochondrial protein, complete cds//9.4e-90:516:88//Hs.155410:U49283
R-PLACE1004451
R-PLACE1004460//ESTs//5.4e-14:338:64//Hs.97464:AA662980
R-PLACE1004467//ESTs//3.3e-85:467:92//Hs.9527:W52721
R-PLACE1004471//ESTs//3.0e-73:389:94//Hs.23240:R46578
R-PLACE1004473//ESTs, Weakly similar to F20D1.2 [C.elegans] //3.8e-101:510:95//Hs.16986:W89194
R-PLACE1004491//Human mitochondrial 1,25-dihydroxyvitamin D3 24-hydroxylase mRNA, complete cds//0.23:278:61//Hs.89663:L13286
R-PLACE1004506//ESTs//2.5e-98:559:90//Hs.19447:AI057117
R-PLACE1004510//ESTs//1.5e-91:436:98//Hs.24846:AI420493

R-PLACE1004516//EST//1.7e-66:344:96//Hs.99303:AA453164
R-PLACE1004518//ESTs//5.2e-79:410:94//Hs.27091:AA436553
R-PLACE1004548//Homo sapiens mRNA for small GTP-binding protein, complete cds//1.8e-40:332:72//Hs.115325:D84488
R-PLACE1004550
R-PLACE1004564//ESTs//5.5e-76:367:98//Hs.49683:AA564742
R-PLACE1004629//ESTs, Weakly similar to OS-9 precursor [H.sapiens]//8.1e-40:272:87//Hs.7100:W07181
R-PLACE1004645//ESTs//6.3e-14:83:100//Hs.17270:AA701903
R-PLACE1004646//ESTs//3.7e-22:231:76//Hs.141250:N29734
R-PLACE1004658//ESTs//2.0e-12:109:84//Hs.23508:AA101113
R-PLACE1004664//Homo sapiens mRNA for KIAA0714 protein, partial cds//7.8e-23:129:99//Hs.123129:AB018257
R-PLACE1004672//ESTs//2.0e-50:256:98//Hs.136367:AI144254
R-PLACE1004674//Homo sapiens calcium binding protein (ALG-2) mRNA, complete cds//1.8e-90:510:91//Hs.80019:AF035606
R-PLACE1004681//EST//2.1e-08:283:62//Hs.99543:AA461482
R-PLACE1004686
R-PLACE1004691//EST//7.3e-42:305:82//Hs.141833:AA021552
R-PLACE1004693//ESTs//0.014:135:64//Hs.145333:AI251374
R-PLACE1004716//ESTs, Weakly similar to No definition line found [C.elegans]//3.4e-80:413:94//Hs.23528:AI279571
R-PLACE1004722//EST//0.14:165:63//Hs.18213:T97997
R-PLACE1004736//ESTs//1.0e-72:385:94//Hs.10657:N63911
R-PLACE1004740//ESTs//1.0:267:58//Hs.101661:AA416619
R-PLACE1004743//EST//0.45:94:69//Hs.147174:AI192195
R-PLACE1004751//EST//9.8e-32:174:83//Hs.147901:AI223374
R-PLACE1004773//Homo sapiens inversin protein mRNA, complete cds//2.7e-89:437:96//Hs.104715:AF084367

R-PLACE1004777//ESTs//7.4e-68:351:94//Hs.23395:AA398548
R-PLACE1004793//ESTs//1.3e-53:290:78//Hs.142375:AA398619
R-PLACE1004804//Homo sapiens mRNA for KIAA0606 protein, partial cds//1.9
e-99:580:88//Hs.38176:AB011178
R-PLACE1004813//ESTs//7.6e-86:433:96//Hs.85640:AA535856
R-PLACE1004814//Homo sapiens okadaic acid-inducible phosphoprotein (OA48
-18) mRNA, complete cds//1.1e-108:358:99//Hs.3688:AF069250
R-PLACE1004815//EST//4.7e-50:333:84//Hs.142196:AA258356
R-PLACE1004824//Protein kinase, interferon-inducible double stranded RNA
dependent//4.8e-46:450:76//Hs.73821:M35663
R-PLACE1004827//ESTs//2.3e-48:250:96//Hs.138766:AA342185
R-PLACE1004836//ESTs//2.7e-39:222:94//Hs.78661:AA195299
R-PLACE1004838//EST//0.056:198:60//Hs.129589:AA995901
R-PLACE1004840//ESTs, Highly similar to TRANSCRIPTIONAL ACTIVATOR GCN5
[Saccharomyces cerevisiae]//6.5e-71:381:93//Hs.8383:AA013272
R-PLACE1004868//ESTs//4.9e-70:367:94//Hs.100895:AA479308
R-PLACE1004885//Homo sapiens protein phosphatase with EF-hands-2 long fo
rm (PPEF-2) mRNA, complete cds//1.8e-37:330:78//Hs.113259:AF023456
R-PLACE1004900//EST//1.2e-46:306:86//Hs.149580:AI281881
R-PLACE1004902//Sucrase-isomaltase//0.87:254:61//Hs.2996:X63597
R-PLACE1004913//ESTs//4.5e-75:375:96//Hs.91115:AI221563
R-PLACE1004918//ESTs//2.6e-103:519:95//Hs.143607:AI424948
R-PLACE1004930//Homo sapiens TNF-induced protein GG2-1 mRNA, complete cd
s//6.6e-102:532:93//Hs.17839:AF099936
R-PLACE1004934//EST//0.035:156:67//Hs.162071:AA478980
R-PLACE1004937//ESTs, Weakly similar to F55B12.3 [C.elegans]//6.4e-80:40
9:95//Hs.31945:AA702166
R-PLACE1004969//ESTs//9.8e-18:101:99//Hs.112837:N78013
R-PLACE1004972//ESTs//1.3e-65:337:95//Hs.75798:H29106

R-PLACE1004979//EST//1.2e-96:475:96//Hs.120158:AA708789
R-PLACE1004982//ESTs//1.0e-98:471:98//Hs.106496:AI291776
R-PLACE1004985//ESTs//2.1e-88:456:93//Hs.135050:AI420335
R-PLACE1005026
R-PLACE1005027//ESTs, Weakly similar to N-methyl-D-aspartate receptor glutamate-binding chain [R.norvegicus] //0.72:145:66//Hs.11215:N56719
R-PLACE1005046//Homo sapiens mRNA for KIAA0575 protein, complete cds//5.3e-66:297:88//Hs.153468:AB011147
R-PLACE1005052//ESTs, Weakly similar to weak similarity to rat cytosolic acyl coenzyme A thioester hydrolase [C.elegans] //1.2e-106:543:95//Hs.18625:AI074605
R-PLACE1005066//ESTs//3.9e-92:459:96//Hs.62684:AA806103
R-PLACE1005077//Human triadin mRNA, complete cds//1.8e-05:121:69//Hs.68731:U18985
R-PLACE1005085//Homo sapiens PYRIN (MEFV) mRNA, complete cds//6.6e-49:314:74//Hs.113283:AF018080
R-PLACE1005086//ESTs//1.2e-73:379:94//Hs.110128:AA584364
R-PLACE1005101//Homo sapiens (clone zap128) mRNA, 3' end of cds//8.0e-99:531:92//Hs.75437:L40401
R-PLACE1005102//ESTs//7.2e-68:493:84//Hs.10593:AI201336
R-PLACE1005108//Human DNA fragmentation factor-45 mRNA, complete cds//9.2e-40:232:82//Hs.155344:U91985
R-PLACE1005111//EST//8.1e-10:189:68//Hs.136356:AA493225
R-PLACE1005128//ESTs//1.4e-78:501:87//Hs.15093:AA203423
R-PLACE1005146//ESTs//4.8e-93:460:97//Hs.37896:AA777349
R-PLACE1005162//ESTs//7.5e-51:277:95//Hs.28838:AI089013
R-PLACE1005176//ESTs//5.4e-75:366:97//Hs.48119:AA454227
R-PLACE1005181//EST//0.012:172:66//Hs.147107:AI190589
R-PLACE1005187//ESTs//5.6e-72:363:95//Hs.16577:AI022830

R-PLACE1005206//ESTs//5.3e-48:203:88//Hs.31792:H45211
 R-PLACE1005232//ESTs//5.1e-41:287:84//Hs.138552:R99532
 R-PLACE1005243//ESTs//1.1e-48:348:83//Hs.113310:R16767
 R-PLACE1005261//ESTs//0.19:175:62//Hs.124337:AA829524
 R-PLACE1005266//ESTs//1.9e-22:388:66//Hs.124146:AA699633
 R-PLACE1005277//ESTs//1.5e-29:314:72//Hs.163710:AA024516
 R-PLACE1005287//ESTs//3.6e-95:456:98//Hs.49282:AA970322
 R-PLACE1005305//ESTs//9.9e-71:428:88//Hs.144855:AI197937
 R-PLACE1005308//ESTs//3.8e-32:173:96//Hs.58239:AA215797
 R-PLACE1005313//ESTs//5.2e-74:409:93//Hs.33368:AA206614
 R-PLACE1005327//Chromosome 1 specific transcript KIAA0491//1.7e-104:537:
 94//Hs.136309:AB007960
 R-PLACE1005331//ESTs//2.1e-91:487:93//Hs.9291:AI189343
 R-PLACE1005335//ESTs, Weakly similar to F23B2.4 [C.elegans]//3.8e-90:442
 :97//Hs.70202:AA732975
 R-PLACE1005373//ESTs//8.0e-93:526:91//Hs.98541:N38901
 R-PLACE1005374//Homo sapiens KIAA0395 mRNA, partial cds//3.3e-44:344:80/
 /Hs.43681:AL022394
 R-PLACE1005409//EST//0.43:174:59//Hs.162077:AA479978
 R-PLACE1005453//EST//7.9e-57:330:90//Hs.162306:AA555304
 R-PLACE1005467//ESTs//2.2e-42:294:84//Hs.142257:AA188423
 R-PLACE1005471//Human Line-1 repeat mRNA with 2 open reading frames//2.3
 e-88:561:86//Hs.23094:M19503
 R-PLACE1005477//Human methionine aminopeptidase mRNA, complete cds//6.9e
 -80:549:83//Hs.78935:U29607
 R-PLACE1005480//EST//0.99:39:82//Hs.157275:AI364046
 R-PLACE1005481//EST//1.5e-31:281:79//Hs.132635:AI032875
 R-PLACE1005494//Homo sapiens mRNA for semaphorin E, complete cds//0.036:
 319:59//Hs.62705:AB000220

R-PLACE1005502//Homo sapiens formin binding protein 21 mRNA, complete cds//5.4e-57:277:98//Hs.28307:AF071185

R-PLACE1005526//ESTs//2.5e-30:233:83//Hs.119304:AA443325

R-PLACE1005528//Homo sapiens mRNA for cartilage-associated protein (CASP)
)//8.9e-20:321:69//Hs.155481:AJ006470

R-PLACE1005530//ESTs//3.7e-81:438:92//Hs.103380:AI291325

R-PLACE1005550//ESTs, Highly similar to HYPOTHETICAL 40.2 KD PROTEIN K1
2H4.3 IN CHROMOSOME III [Caenorhabditis elegans]//5.2e-95:458:98//Hs.381
14:N62927

R-PLACE1005554//ESTs//8.8e-36:267:86//Hs.98288:AA203555

R-PLACE1005557//ESTs, Highly similar to MITOCHONDRIAL 60S RIBOSOMAL PRO
TEIN L2 PRECURSOR [Saccharomyces cerevisiae]//2.2e-64:345:94//Hs.7736:W8
1261

R-PLACE1005574//ESTs//2.3e-27:231:83//Hs.117771:R99835

R-PLACE1005584//ESTs//1.6e-36:188:98//Hs.152050:AA724612

R-PLACE1005595//ESTs//1.6e-91:453:96//Hs.85079:AI276023

R-PLACE1005603//ESTs//8.2e-99:533:93//Hs.96357:AI026927

R-PLACE1005611//ESTs//5.2e-28:183:89//Hs.24941:AA261857

R-PLACE1005623//ESTs//1.4e-102:505:96//Hs.58382:AA808964

R-PLACE1005630

R-PLACE1005639//ESTs//1.4e-51:256:98//Hs.1975:W72452

R-PLACE1005646//Homo sapiens RNA helicase-related protein mRNA, complete
cds//1.0e-111:585:93//Hs.8765:AF083255

R-PLACE1005656//ESTs//2.7e-88:469:92//Hs.164054:AA528169

R-PLACE1005666//Homo sapiens X-ray repair cross-complementing protein 2
(XRCC2) mRNA, complete cds//3.3e-24:401:66//Hs.129727:AF035587

R-PLACE1005698//ESTs//0.00013:82:79//Hs.116331:AA629355

R-PLACE1005727//EST//0.15:206:63//Hs.105002:AA449332

R-PLACE1005730//EST//0.0014:129:70//Hs.127931:AA969259

R-PLACE1005739//ESTs, Moderately similar to unknown intracellular protein [M.musculus] //1.3e-42:236:94//Hs.23889:AI341137

R-PLACE1005755//ESTs//2.8e-32:308:80//Hs.159821:AA524070

R-PLACE1005763//Human mRNA for KIAA0118 gene, partial cds//3.3e-47:268:87//Hs.154326:D42087

R-PLACE1005799//ESTs, Highly similar to HYPOTHETICAL 68.7 KD PROTEIN ZK757.1 IN CHROMOSOME III [Caenorhabditis elegans] //7.7e-15:88:98//Hs.109857:AA088385

R-PLACE1005802//ESTs//2.8e-19:208:76//Hs.9271:W30941

R-PLACE1005803//ESTs//2.6e-75:417:92//Hs.71414:AA131327

R-PLACE1005804//EST//6.5e-20:182:70//Hs.149844:AI287693

R-PLACE1005828//ESTs//3.0e-15:194:77//Hs.106236:N50058

R-PLACE1005834//Retinoblastoma 1 (including osteosarcoma)//0.040:435:58//Hs.75770:L41870

R-PLACE1005845//EST//5.0e-61:294:99//Hs.133202:AI050965

R-PLACE1005850//ESTs//3.4e-82:425:96//Hs.7966:AI203471

R-PLACE1005851//ESTs//2.9e-21:165:84//Hs.23607:N98305

R-PLACE1005876//ESTs//0.48:296:57//Hs.39140:AI041842

R-PLACE1005884//ESTs//0.0027:177:66//Hs.150295:AA570558

R-PLACE1005898//ESTs//1.7e-98:467:98//Hs.159475:AI339981

R-PLACE1005921//ESTs//5.8e-96:480:95//Hs.30822:AA885501

R-PLACE1005923//ESTs//1.8e-66:333:96//Hs.150890:AI341793

R-PLACE1005925//Human Line-1 repeat mRNA with 2 open reading frames//2.8e-27:382:70//Hs.23094:M19503

R-PLACE1005932//ESTs, Moderately similar to MNK1 [H.sapiens] //1.1e-70:377:93//Hs.5662:AA868361

R-PLACE1005934//ESTs//1.0e-42:251:91//Hs.25092:AA922142

R-PLACE1005936//ESTs//1.2e-88:461:94//Hs.94125:N62913

R-PLACE1005951//ESTs//1.4e-83:533:86//Hs.21148:AI183729

R-PLACE1005953

R-PLACE1005955//ESTs, Highly similar to HYPOTHETICAL 54.2 KD PROTEIN IN CDC12-ORC6 INTERGENIC REGION [Saccharomyces cerevisiae]//2.2e-83:494:88//Hs.108117:AI097079

R-PLACE1005966//ESTs//1.1e-95:465:97//Hs.98510:AI016239

R-PLACE1005968//EST//0.26:103:66//Hs.161300:AI420897

R-PLACE1005990

R-PLACE1006002//Human mRNA for KIAA0355 gene, complete cds//2.0e-45:481:74//Hs.153014:AB002353

R-PLACE1006003//ESTs, Highly similar to HYPOTHETICAL 30.3 KD PROTEIN IN APE1/LAP4-CWP1 INTERGENIC REGION [Saccharomyces cerevisiae]//3.1e-112:593:93//Hs.111449:AI192946

R-PLACE1006011//ESTs, Moderately similar to NAD(+) ADP-RIBOSYLTRANSFERASE [D.melanogaster]//5.7e-100:596:88//Hs.24284:AA595596

R-PLACE1006017//ESTs//4.2e-18:296:68//Hs.133350:AI056276

R-PLACE1006037//ESTs, Weakly similar to T23D8.3 [C.elegans]//4.1e-102:491:98//Hs.61164:AI096332

R-PLACE1006040//ESTs//1.2e-92:443:98//Hs.111680:N93765

R-PLACE1006076//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNIN G ENTRY !!!! [H.sapiens]//2.0e-26:213:77//Hs.139007:H74314

R-PLACE1006119//ESTs//0.14:257:61//Hs.113149:AA908904

R-PLACE1006129//ESTs//3.8e-54:285:97//Hs.18827:W68002

R-PLACE1006139//ESTs, Highly similar to HYPOTHETICAL 52.9 KD PROTEIN IN SAP155-YMR31 INTERGENIC REGION [Saccharomyces cerevisiae]//2.6e-99:560:91//Hs.5249:U55977

R-PLACE1006143//Amylo-1,6-glucosidase, 4-alpha-glucanotransferase (glycogen debranching enzyme, glycogen storage disease type III)//0.038:463:59//Hs.904:U84010

R-PLACE1006157//ESTs//0.014:341:58//Hs.121773:AI357886

R-PLACE1006159//EST//0.00036:247:61//Hs.140054:AA668925
R-PLACE1006164//ESTs//2.6e-31:362:73//Hs.141024:H07128
R-PLACE1006167//Homo sapiens chromosome 19, cosmid F23149//5.8e-54:286:94//Hs.152894:AC005239
R-PLACE1006170//ESTs, Highly similar to ALPHA-ADAPTIN [Rattus norvegicus]//2.7e-79:393:96//Hs.19121:AI125280
R-PLACE1006187//Homo sapiens cyclin E2 mRNA, complete cds//5.1e-118:597:95//Hs.30464:AF091433
R-PLACE1006195//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//6.8e-94:532:91//Hs.105216:AI361807
R-PLACE1006196//ESTs//3.2e-66:382:90//Hs.18665:T99507
R-PLACE1006205//EST//1.7e-89:448:96//Hs.116665:AA669114
R-PLACE1006223//Human RNaseP protein p38 (RPP38) mRNA, complete cds//0.90:304:58//Hs.94986:U77664
R-PLACE1006225//ESTs//7.2e-96:474:97//Hs.91165:AI079555
R-PLACE1006236//ESTs//8.8e-105:535:95//Hs.7919:AI341472
R-PLACE1006239//Homo sapiens BAC clone RG118D07 from 7q31//3.2e-99:497:95//Hs.3781:AC004142
R-PLACE1006246//ESTs, Weakly similar to CMP-sialic acid transporter [Mus musculus]//1.3e-104:532:95//Hs.41151:AI301961
R-PLACE1006248//Homo sapiens mRNA for KIAA0648 protein, partial cds//3.0e-97:499:95//Hs.31921:AB014548
R-PLACE1006262//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens]//1.6e-07:321:62//Hs.53057:W67839
R-PLACE1006288//Voltage-dependent anion channel 1//3.8e-100:605:88//Hs.2060:L06132
R-PLACE1006318//ESTs//2.4e-102:536:94//Hs.8109:AA005265
R-PLACE1006325//ESTs//5.2e-105:518:96//Hs.102319:AI246503
R-PLACE1006335//ESTs//5.1e-45:254:93//Hs.153585:R70900

R-PLACE1006357//EST//6.5e-09:309:62//Hs.132493:AA923168
 R-PLACE1006360//Human mRNA for KIAA0090 gene, partial cds//0.0097:381:58
 //Hs.154797:D42044
 R-PLACE1006368//ESTs//7.9e-85:412:97//Hs.150587:AI079284
 R-PLACE1006371//ESTs//7.7e-74:442:88//Hs.143671:W61053
 R-PLACE1006382
 R-PLACE1006385//ESTs//5.3e-06:346:61//Hs.163706:AA515748
 R-PLACE1006412//EST//7.7e-46:306:86//Hs.149580:AI281881
 R-PLACE1006414//Homo sapiens LIM protein mRNA, complete cds//4.1e-43:551
 :69//Hs.154103:AF061258
 R-PLACE1006438//ESTs//1.1e-77:284:86//Hs.24545:AI278629
 R-PLACE1006445//ESTs//4.4e-53:259:99//Hs.24481:AA573139
 R-PLACE1006469//ESTs//9.4e-102:482:98//Hs.7218:AA936961
 R-PLACE1006470//ESTs//1.0:271:57//Hs.144517:AA938297
 R-PLACE1006482//ESTs//4.0e-61:354:92//Hs.51305:T47418
 R-PLACE1006492//EST//1.8e-09:48:91//Hs.144451:AA827722
 R-PLACE1006506//ESTs//0.012:161:61//Hs.145333:AI251374
 R-PLACE1006521//Human mRNA for KIAA0013 gene, complete cds//2.1e-15:415:
 63//Hs.48824:D87717
 R-PLACE1006531//ESTs//5.6e-31:213:87//Hs.125153:AA453723
 R-PLACE1006534//ESTs//6.5e-101:512:95//Hs.27763:W46368
 R-PLACE1006540//ESTs//7.3e-40:320:79//Hs.121659:H02532
 R-PLACE1006552//EST//0.38:418:56//Hs.140470:AA765214
 R-PLACE1006598//ESTs//4.0e-80:409:95//Hs.142868:AI128443
 R-PLACE1006615//Homo sapiens eukaryotic translation initiation factor eI
 F3, p35 subunit mRNA, complete cds//9.3e-118:590:95//Hs.155377:U97670
 R-PLACE1006617//ESTs//8.1e-31:246:83//Hs.139128:AA205322
 R-PLACE1006626//ESTs//0.90:98:68//Hs.96322:AA541615
 R-PLACE1006629//Human mRNA for KIAA0386 gene, complete cds//5.3e-33:315:

78//Hs.101359:AB002384

R-PLACE1006640//ESTs//3.7e-26:137:100//Hs.32672:W16522

R-PLACE1006673//Interleukin 10//8.4e-47:330:83//Hs.2180:M57627

R-PLACE1006678//ESTs//1.1e-13:87:98//Hs.34035:D87736

R-PLACE1006704//ESTs//2.6e-65:394:89//Hs.30582:D12214

R-PLACE1006731//Homo sapiens clone 23923 mRNA sequence//1.9e-102:486:98/
/Hs.12472:AF038172

R-PLACE1006754//EST//1.0e-61:381:89//Hs.14727:T83861

R-PLACE1006760//Homo sapiens clone 24800 mRNA sequence//3.8e-73:394:93//
Hs.7252:AF070622

R-PLACE1006779//ESTs//1.4e-69:405:90//Hs.136235:AA262658

R-PLACE1006782//EST//1.8e-25:197:86//Hs.137257:N33234

R-PLACE1006792//ESTs//1.8e-43:317:84//Hs.139190:N55515

R-PLACE1006795//ESTs//6.4e-68:350:95//Hs.11092:AA916335

R-PLACE1006800//ESTs//1.9e-55:268:100//Hs.126695:AA917989

R-PLACE1006805//ESTs//6.6e-91:484:93//Hs.94262:AA768847

R-PLACE1006815//ESTs//2.1e-49:364:83//Hs.142031:AA809159

R-PLACE1006819//ESTs, Highly similar to LINE-1 REVERSE TRANSCRIPTASE HO
MOLOG [Homo sapiens]//1.0e-87:481:92//Hs.141263:H64113

R-PLACE1006829//ESTs//5.7e-43:332:83//Hs.19906:AA456933

R-PLACE1006860//ESTs//0.96:138:63//Hs.136649:AA828359

R-PLACE1006867//ESTs//1.4e-98:478:97//Hs.10299:N35008

R-PLACE1006878//EST//8.4e-48:243:97//Hs.54970:N93536

R-PLACE1006883//EST//3.1e-46:300:88//Hs.162404:AA573131

R-PLACE1006901//ESTs//3.0e-95:496:94//Hs.47546:AA181348

R-PLACE1006904//ESTs//5.8e-18:304:68//Hs.125816:AA806089

R-PLACE1006917//Endothelin receptor type B//0.00012:451:60//Hs.82002:D13

168

R-PLACE1006932//ESTs//4.6e-56:285:96//Hs.114727:AI379514

R-PLACE1006935//ESTs//3.6e-12:157:73//Hs.161714:AA229078
 R-PLACE1006958//Human mRNA for KIAA0201 gene, complete cds//3.2e-25:494:
 63//Hs.36927:D86956
 R-PLACE1006961//Tyrosine aminotransferase//2.5e-46:471:74//Hs.2999:X5252
 0
 R-PLACE1006962//ESTs, Moderately similar to plakophilin 2b [H.sapiens]//
 9.0e-29:324:68//Hs.154257:AI275982
 R-PLACE1006966//ESTs//4.5e-99:470:99//Hs.46913:AI017636
 R-PLACE1006989//ESTs//2.2e-68:353:97//Hs.14394:R61257
 R-PLACE1007014//ESTs//3.4e-86:457:94//Hs.129819:AA838366
 R-PLACE1007021//ESTs//1.6e-93:539:90//Hs.7111:U55971
 R-PLACE1007045//Human Line-1 repeat mRNA with 2 open reading frames//6.6
 e-83:584:82//Hs.23094:M19503
 R-PLACE1007053//ESTs//4.2e-85:550:88//Hs.7984:AI202575
 R-PLACE1007097//ESTs//6.4e-78:493:86//Hs.56406:N91027
 R-PLACE1007105//ESTs//5.3e-70:381:91//Hs.22605:N74202
 R-PLACE1007111//ESTs//8.6e-75:358:99//Hs.145629:AA398646
 R-PLACE1007112//ESTs//6.9e-69:371:94//Hs.71922:AA148417
 R-PLACE1007132//ESTs//1.2e-36:373:69//Hs.10762:W28948
 R-PLACE1007140//ESTs//1.7e-70:360:96//Hs.56179:W56794
 R-PLACE1007178//EST//0.68:85:65//Hs.147010:AI184765
 R-PLACE1007226//ESTs//3.1e-78:452:90//Hs.8033:N94998
 R-PLACE1007238//ESTs//5.2e-70:362:95//Hs.85636:AA740619
 R-PLACE1007239//Human mRNA for transcription elongation factor S-II, hS-
 II-T1, complete cds//6.3e-93:534:89//Hs.80598:D50495
 R-PLACE1007242//ESTs//1.2e-80:390:98//Hs.117325:AA699450
 R-PLACE1007243//ESTs, Weakly similar to transporter protein [H.sapiens]//
 /3.7e-73:357:98//Hs.18272:N78499
 R-PLACE1007257//Homo sapiens mRNA for dia-156 protein//4.3e-85:487:91//H

s.121556:Y15909

R-PLACE1007274//ESTs//4.3e-79:430:93//Hs.146023:AI275071

R-PLACE1007276//ESTs//1.5e-33:338:74//Hs.142850:R38419

R-PLACE1007282//ESTs//4.8e-98:532:93//Hs.10071:AA100812

R-PLACE1007286//Human mRNA for KIAA0118 gene, partial cds//2.9e-50:518:74//Hs.154326:D42087

R-PLACE1007301

R-PLACE1007317

R-PLACE1007342

R-PLACE1007346//Homo sapiens estrogen-responsive B box protein (EBBP) mRNA, complete cds//1.2e-66:367:91//Hs.76596:AF096870

R-PLACE1007367//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//2.2e-98:488:96//Hs.24359:AA699594

R-PLACE1007375//ESTs//2.3e-67:375:92//Hs.33368:AA206614

R-PLACE1007386//ESTs//0.020:242:62//Hs.42768:AI129945

R-PLACE1007402//ESTs//1.6e-91:441:97//Hs.26243:AA455877

R-PLACE1007409//Homo sapiens mitoxantrone resistance protein 1 mRNA, partial sequence//2.4e-113:590:94//Hs.14387:AF093771

R-PLACE1007416//ESTs, Weakly similar to DIPEPTIDYL PEPTIDASE IV [H.sapiens]//3.8e-115:579:95//Hs.72165:AI243857

R-PLACE1007450//Human macrophage-derived chemokine precursor (MDC) mRNA, complete cds//2.7e-38:311:80//Hs.97203:U83171

R-PLACE1007452//EST//2.5e-42:386:77//Hs.140562:AA826514

R-PLACE1007460//ESTs//4.9e-87:434:95//Hs.28472:AI028230

R-PLACE1007478

R-PLACE1007484//ESTs//6.8e-08:64:92//Hs.100251:AA535975

R-PLACE1007488//Dystrophin (muscular dystrophy, Duchenne and Becker type s), includes DXS142, DXS164, DXS206, DXS230, DXS239, DXS268, DXS269, DXS270, DXS272//0.26:411:60//Hs.79012:M18533

R-PLACE1007507//ESTs//2.2e-11:136:76//Hs.128815:AA678072
 R-PLACE1007511//ESTs, Highly similar to KERATIN, TYPE I CYTOSKELETAL 14
 [Homo sapiens]//1.5e-41:261:89//Hs.9029:W57657
 R-PLACE1007524//ESTs//5.8e-45:297:87//Hs.154923:AA491377
 R-PLACE1007525//Human mRNA for KIAA0118 gene, partial cds//1.9e-44:422:7
 5//Hs.154326:D42087
 R-PLACE1007544//ESTs//8.4e-59:327:93//Hs.27410:N25612
 R-PLACE1007547//EST//0.00010:107:71//Hs.146867:AI161404
 R-PLACE1007557//ESTs//1.6e-43:356:79//Hs.44702:AI148840
 R-PLACE1007583//ESTs//1.7e-41:214:97//Hs.155071:AA584257
 R-PLACE1007598//Homo sapiens clone 23939 mRNA sequence//4.8e-104:554:93/
 /Hs.21838:AF038179
 R-PLACE1007618//Lymphocyte cytosolic protein 1 (L-plastin)//0.54:161:65/
 /Hs.76506:J02923
 R-PLACE1007621//Homo sapiens clone 23859 mRNA sequence//4.8e-105:537:94/
 /Hs.151046:AF038176
 R-PLACE1007632
 R-PLACE1007645//ESTs//0.99:187:62//Hs.163453:AI344106
 R-PLACE1007649//ESTs//2.2e-108:561:94//Hs.24398:AI262946
 R-PLACE1007677//ESTs, Moderately similar to !!!! ALU SUBFAMILY SB2 WARNI
 NG ENTRY !!!! [H.sapiens]//9.0e-37:190:97//Hs.23437:AA707331
 R-PLACE1007688//ESTs//7.5e-79:409:95//Hs.6166:AI376944
 R-PLACE1007690//ESTs, Weakly similar to NADH-UBIQUINONE OXIDOREDUCTASE C
 HAIN 5 [Ascaris suum]//3.4e-61:384:89//Hs.92918:AA133274
 R-PLACE1007697//ESTs, Highly similar to GCN20 PROTEIN [Saccharomyces ce
 revisiae]//1.8e-84:501:88//Hs.91251:U66685
 R-PLACE1007705//Human mRNA for apolipoprotein E receptor 2, complete cds
 //0.43:307:59//Hs.54481:D86407
 R-PLACE1007706//Homo sapiens metalloprotease 1 (MP1) mRNA, complete cds/

/5.7e-75:374:96//Hs.4812:AF061243

R-PLACE1007725//ESTs, Weakly similar to No definition line found [C.elegans]//3.1e-39:253:88//Hs.108797:AA476815

R-PLACE1007729//ESTs//2.7e-44:392:79//Hs.142375:AA398619

R-PLACE1007730//Homo sapiens mRNA for KIAA0685 protein, complete cds//6.7e-94:556:89//Hs.153121:AB014585

R-PLACE1007737//ESTs//1.1e-41:345:80//Hs.114671:N39322

R-PLACE1007743//ESTs//2.8e-17:98:100//Hs.124258:AA976778

R-PLACE1007746//ESTs//5.3e-69:413:90//Hs.5297:AA156903

R-PLACE1007791//ESTs, Weakly similar to TEICHOIC ACID BIOSYNTHESIS PROTEIN A [Bacillus subtilis]//8.6e-27:143:98//Hs.144194:AA706337

R-PLACE1007807//Human Line-1 repeat mRNA with 2 open reading frames//9.9e-45:428:76//Hs.23094:M19503

R-PLACE1007810//ESTs//5.9e-15:143:82//Hs.126257:AI279044

R-PLACE1007829//ESTs//2.2e-22:190:84//Hs.142707:W24050

R-PLACE1007843//ESTs//5.3e-110:556:95//Hs.107287:AI308839

R-PLACE1007846//Human Line-1 repeat mRNA with 2 open reading frames//1.7e-95:525:91//Hs.23094:M19503

R-PLACE1007852//ESTs//4.5e-14:174:75//Hs.153419:N52017

R-PLACE1007858//Homo sapiens mRNA for KIAA0766 protein, complete cds//2.1e-111:574:94//Hs.28020:AB018309

R-PLACE1007866//EST//1.8e-48:262:96//Hs.141009:H01178

R-PLACE1007877//ESTs//1.2e-94:478:96//Hs.5999:AI207832

R-PLACE1007897//ESTs//2.3e-92:437:99//Hs.122843:AI189060

R-PLACE1007908//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0487//2.8e-89:460:95//Hs.92381:AB007956

R-PLACE1007946//ESTs//2.8e-28:172:78//Hs.126784:AA521510

R-PLACE1007954//ESTs//6.1e-72:366:95//Hs.27842:AI217966

R-PLACE1007955//Homo sapiens cyclin-D binding Myb-like protein mRNA, com

plete cds//3.9e-103:509:96//Hs.5671:AF084530
R-PLACE1007958//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B)
mRNA, partial cds//7.2e-89:465:93//Hs.78106:AF079529
R-PLACE1007969//ESTs, Weakly similar to F35C12.2 [C.elegans]//1.4e-113:5
34:99//Hs.44268:AA455900
R-PLACE1007990//ESTs, Highly similar to DOSAGE COMPENSATION REGULATOR [
Drosophila melanogaster]//3.8e-97:493:95//Hs.6141:U69564
R-PLACE1008000//ESTs//0.00013:241:65//Hs.44369:AI206835
R-PLACE1008002//ESTs//2.2e-83:397:98//Hs.28780:AI263612
R-PLACE1008044//ESTs, Moderately similar to NUCLEAR PORE COMPLEX PROTEIN
NUP107 [R.norvegicus]//2.0e-115:575:95//Hs.92395:AA779854
R-PLACE1008045//EST//2.6e-89:465:94//Hs.47374:N51935
R-PLACE1008080//EST//0.27:118:65//Hs.144110:AI054269
R-PLACE1008095//ESTs//5.5e-23:268:73//Hs.152525:AA516469
R-PLACE1008111//ESTs, Weakly similar to oxidoreductase [H.sapiens]//4.4e
-108:537:96//Hs.28877:AI309334
R-PLACE1008122//ESTs//6.5e-103:531:94//Hs.34737:AI028617
R-PLACE1008129//ESTs//0.76:96:66//Hs.65373:AA883511
R-PLACE1008132//ESTs//5.9e-05:113:72//Hs.13014:W26381
R-PLACE1008177//ESTs//7.2e-107:557:93//Hs.132851:AI028266
R-PLACE1008181//ESTs//5.3e-97:473:97//Hs.57483:AA776267
R-PLACE1008198//ESTs//3.9e-16:120:85//Hs.9142:AA662107
R-PLACE1008201//Homo sapiens mRNA for KIAA0530 protein, partial cds//1.6
e-104:551:93//Hs.10801:AB011102
R-PLACE1008209//ESTs//1.2e-72:366:96//Hs.92308:AI052701
R-PLACE1008231//ESTs//1.2e-70:363:94//Hs.25094:R80871
R-PLACE1008244//ESTs//1.3e-98:543:92//Hs.25130:AA218990
R-PLACE1008273//ESTs//6.1e-16:153:79//Hs.115987:AA483808
R-PLACE1008275

R-PLACE1008280//ESTs//1.3e-66:353:94//Hs.156376:AI338705
 R-PLACE1008309//ESTs//2.8e-100:511:95//Hs.45080:N49852
 R-PLACE1008329//V-myc avian myelocytomatosis viral oncogene homolog//0.5
 3:206:62//Hs.79070:K02276
 R-PLACE1008330//ESTs, Weakly similar to EOSINOPHIL LYSOPHOSPHOLIPASE [H.
 sapiens]//8.6e-79:297:91//Hs.146477:AI128445
 R-PLACE1008331//ESTs//0.98:156:62//Hs.108548:AA081656
 R-PLACE1008356//Homo sapiens mRNA for KIAA0679 protein, partial cds//2.1
 e-99:556:90//Hs.5734:AB014579
 R-PLACE1008368//EST//0.0027:198:63//Hs.160868:AI359052
 R-PLACE1008369//ESTs//5.4e-28:167:92//Hs.19530:AA480009
 R-PLACE1008392//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNIN
 G ENTRY !!!! [H.sapiens]//2.0e-41:448:72//Hs.139007:H74314
 R-PLACE1008398//ESTs, Highly similar to Mig-6//1.4e-103:529:94//Hs.11169
 :AA156242
 R-PLACE1008401//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
 RY !!!! [H.sapiens]//1.2e-81:536:87//Hs.7570:W31010
 R-PLACE1008402//Homo sapiens mRNA for p115, complete cds//5.1e-103:521:9
 5//Hs.7763:D86326
 R-PLACE1008405//ESTs//1.2e-89:485:92//Hs.138241:AA767440
 R-PLACE1008424//ESTs//6.7e-97:508:93//Hs.6709:AI379778
 R-PLACE1008426//ESTs//5.5e-30:174:92//Hs.7946:AA651757
 R-PLACE1008429//ESTs//2.1e-12:188:71//Hs.140769:AA931562
 R-PLACE1008437//ESTs//7.1e-54:266:98//Hs.13068:AA001928
 R-PLACE1008455//ESTs//4.7e-69:471:85//Hs.28337:AA210761
 R-PLACE1008457//EST//8.6e-14:202:71//Hs.149887:AI289387
 R-PLACE1008465//ESTs//3.8e-80:426:93//Hs.153146:AI299636
 R-PLACE1008488//ESTs//7.9e-73:388:94//Hs.97268:AA292180
 R-PLACE1008524//ESTs//7.4e-107:545:95//Hs.10441:N62816

R-PLACE1008531//ESTs//3.8e-68:427:87//Hs.56607:H23560
R-PLACE1008532
R-PLACE1008533//ESTs//2.5e-52:318:88//Hs.7274:AA476850
R-PLACE1008568//ESTs//3.2e-99:486:97//Hs.84414:AI423223
R-PLACE1008584//EST//2.2e-18:154:68//Hs.141498:N50064
R-PLACE1008621//ESTs, Weakly similar to line-1 protein ORF1 [H.sapiens] /
/8.6e-67:483:82//Hs.140416:AA778649
R-PLACE1008625
R-PLACE1008626//ESTs//4.7e-73:372:95//Hs.23491:AA642454
R-PLACE1008627//ESTs//1.6e-90:475:93//Hs.102401:AI004972
R-PLACE1008629//ESTs//8.0e-93:492:93//Hs.20843:AA699512
R-PLACE1008630//ESTs//1.0e-94:453:98//Hs.34840:AI279612
R-PLACE1008643//Human mRNA for KIAA0355 gene, complete cds//2.8e-49:422:
79//Hs.153014:AB002353
R-PLACE1008650//Homo sapiens pleiotropic regulator 1 (PLRG1) mRNA, compl
ete cds//7.9e-90:434:97//Hs.147967:AF044333
R-PLACE1008693//ISLET AMYLOID POLYPEPTIDE PRECURSOR//1.8e-41:505:71//Hs.
51048:X68830
R-PLACE1008696//Cytochrome P450, subfamily I (aromatic compound-inducibl
e), polypeptide 2//1.7e-51:316:76//Hs.1361:M55053
R-PLACE1008715//EST//0.63:114:64//Hs.121353:AA758600
R-PLACE1008748//ESTs, Weakly similar to !!!! ALU CLASS B WARNING ENTRY !
!!! [H.sapiens] //2.3e-40:281:83//Hs.142209:AA873303
R-PLACE1008757//ESTs//1.4e-45:226:99//Hs.22822:H06408
R-PLACE1008790//ESTs//0.035:67:76//Hs.153554:AI286313
R-PLACE1008798//ESTs//4.9e-59:285:99//Hs.49018:N79930
R-PLACE1008807//ESTs//1.7e-82:413:96//Hs.130745:AA573217
R-PLACE1008808//Homo sapiens putative checkpoint control protein HRAD1 m
RNA, complete cds//1.1e-98:499:95//Hs.7179:AF011905

R-PLACE1008813//ESTs, Weakly similar to coded for by C. elegans cDNA cml
0e3 [C.elegans]//4.2e-92:490:93//Hs.110454:H11810

R-PLACE1008851//ESTs//2.4e-84:421:95//Hs.158893:AI378428

R-PLACE1008854

R-PLACE1008867//ESTs//1.1e-77:400:95//Hs.44198:AI093502

R-PLACE1008887//Oxytocin receptor//1.1e-43:601:67//Hs.2820:X64878

R-PLACE1008902//ESTs//0.023:208:61//Hs.154164:AI246893

R-PLACE1008920//Homo sapiens mRNA for KIAA0765 protein, partial cds//2.6
e-56:344:89//Hs.62318:AB018308

R-PLACE1008925//ESTs//0.17:294:57//Hs.105113:AA457018

R-PLACE1008934//ESTs//2.0e-61:339:92//Hs.100448:AA622653

R-PLACE1008941//ESTs, Moderately similar to ATP-BINDING CASSETTE TRANSP
ORTER 2 [Mus musculus]//1.3e-19:488:63//Hs.15780:U66680

R-PLACE1008947//ESTs//1.3e-81:385:99//Hs.71574:AI376573

R-PLACE1009020//ESTs//2.9e-79:419:94//Hs.121816:AA775419

R-PLACE1009027//Homo sapiens mRNA for doublecortin//3.1e-82:434:94//Hs.3
4780:AJ003112

R-PLACE1009039//ESTs//2.8e-83:448:92//Hs.129179:AA988520

R-PLACE1009045//ESTs//1.6e-64:318:97//Hs.103423:AA814195

R-PLACE1009048//ESTs//2.7e-17:403:63//Hs.149343:AI249139

R-PLACE1009050//ESTs//2.0e-88:475:92//Hs.122925:AA909008

R-PLACE1009060//ESTs, Highly similar to HYPOTHETICAL 98.3 KD PROTEIN R1
OE12.1 IN CHROMOSOME III [Caenorhabditis elegans]//1.2e-112:555:96//Hs.9
663:AA527142

R-PLACE1009090//ESTs//5.0e-13:175:75//Hs.140608:N53448

R-PLACE1009094//Human splicing factor SRp30c mRNA, complete cds//0.98:16
1:63//Hs.77608:AL021546

R-PLACE1009099//ESTs, Highly similar to MKR2 PROTEIN [Mus musculus]//0.
037:63:84//Hs.39943:AA203136

R-PLACE1009110//EST//5.8e-17:307:65//Hs.117264:AA682549
R-PLACE1009111//ESTs//1.9e-57:349:90//Hs.11260:N98983
R-PLACE1009130//ESTs, Weakly similar to hypothetical protein 2 [H.sapien
s] //6.5e-97:501:94//Hs.11123:AA703945
R-PLACE1009150//LAMIN B1//0.064:393:60//Hs.89497:L37747
R-PLACE1009155//ESTs, Moderately similar to ovarian-specific protein [R.
norvegicus] //2.5e-36:163:82//Hs.93332:AA811920
R-PLACE1009158//ESTs//0.30:149:65//Hs.155796:R80005
R-PLACE1009166//ESTs//3.3e-34:292:77//Hs.140255:AA708322
R-PLACE1009172//EST//8.9e-21:364:67//Hs.142557:AA464948
R-PLACE1009174//ESTs//2.9e-18:274:70//Hs.139241:AA283707
R-PLACE1009183//ESTs//2.3e-44:297:87//Hs.136839:H93717
R-PLACE1009186//ESTs, Weakly similar to No definition line found [C.eleg
ans] //1.5e-109:572:94//Hs.54943:Z78396
R-PLACE1009190//ESTs//2.6e-53:318:90//Hs.25245:AA176701
R-PLACE1009200//H.sapiens mRNA for sortilin//3.2e-33:195:92//Hs.104247:X
98248
R-PLACE1009230//ESTs//3.0e-31:153:92//Hs.124116:AA772680
R-PLACE1009246//ESTs//2.7e-90:488:92//Hs.10706:AA909018
R-PLACE1009308//ESTs//0.022:46:97//Hs.36545:AA075423
R-PLACE1009319//ESTs//7.7e-99:533:92//Hs.109654:N91279
R-PLACE1009328//Human Line-1 repeat mRNA with 2 open reading frames//7.3
e-82:578:82//Hs.23094:M19503
R-PLACE1009335//EST//1.3e-64:311:99//Hs.130558:AI004397
R-PLACE1009338//ESTs//6.0e-70:386:93//Hs.3542:AI015782
R-PLACE1009368//ESTs//1.4e-18:107:98//Hs.133303:W04760
R-PLACE1009375//ESTs//8.9e-36:313:76//Hs.24608:AA161260
R-PLACE1009388//EST//4.4e-11:101:83//Hs.147074:AI188883
R-PLACE1009398//ESTs//5.7e-63:335:93//Hs.149003:AI243186

R-PLACE1009404//ESTs//3.6e-94:452:98//Hs.103177:W72798
 R-PLACE1009410//ESTs//2.2e-112:553:96//Hs.61779:AA195255
 R-PLACE1009434//EST//3.4e-15:109:74//Hs.103742:U48632
 R-PLACE1009443//EST//7.5e-61:302:98//Hs.157787:AI361269
 R-PLACE1009444//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA//6.6e-85:479:90//Hs.
 76987:AF012872
 R-PLACE1009459//ESTs//9.3e-86:437:95//Hs.104871:AI161427
 R-PLACE1009476//Homo sapiens Chromosome 16 BAC clone CIT987SK-A-67A1//1.
 3e-42:266:89//Hs.155049:AC004531
 R-PLACE1009477//ESTs//2.0e-50:367:82//Hs.152788:AA630925
 R-PLACE1009493//ESTs//4.5e-14:150:78//Hs.143918:AA699596
 R-PLACE1009524//ESTs//2.9e-97:454:99//Hs.7189:AA767698
 R-PLACE1009539//ESTs//9.1e-94:454:97//Hs.154706:AI262131
 R-PLACE1009542//Homo sapiens apoptotic protease activating factor 1 (Apa
 f-1) mRNA, complete cds//1.4e-10:289:63//Hs.77579:AF013263
 R-PLACE1009571//ESTs//2.1e-23:125:100//Hs.41767:AA732326
 R-PLACE1009581//ESTs, Weakly similar to FIBRINOGEN ALPHA AND ALPHA-E CHA
 IN PRECURSORS [H.sapiens]//0.0012:56:91//Hs.12151:AA001818
 R-PLACE1009595//Homo sapiens mRNA for KIAA0635 protein, complete cds//6.
 0e-42:547:70//Hs.69157:AB014535
 R-PLACE1009596//ESTs//1.9e-102:588:90//Hs.142395:AI374735
 R-PLACE1009607//ESTs//0.0093:107:70//Hs.70932:AA126482
 R-PLACE1009613//ESTs//7.5e-101:488:97//Hs.5905:AA946680
 R-PLACE1009621//EST//0.99:261:60//Hs.149030:AI243338
 R-PLACE1009622//ESTs//8.0e-93:508:92//Hs.20967:AI422858
 R-PLACE1009637//EST//8.7e-90:442:97//Hs.121372:AA758701
 R-PLACE1009639//EST//8.5e-49:279:93//Hs.117447:R27213
 R-PLACE1009659//Homo sapiens mRNA for KIAA0587 protein, complete cds//3.
 3e-109:589:92//Hs.21862:AB011159

R-PLACE1009665//ESTs, Weakly similar to line-1 protein ORF1 [H.sapiens] /
/9.9e-62:483:79//Hs.140416:AA778649

R-PLACE1009670//Homo sapiens genethonin 1 mRNA, complete cds//6.6e-63:31
0:97//Hs.109590:AF062534

R-PLACE1009708//ESTs//3.0e-94:471:96//Hs.40091:N48582

R-PLACE1009721//ESTs, Weakly similar to MSF1 PROTEIN [S.cerevisiae]//4.2
e-98:529:92//Hs.3945:AA004210

R-PLACE1009731//ESTs, Weakly similar to immune associated protein 38 [M.
musculus]//6.8e-85:489:89//Hs.26194:AA033989

R-PLACE1009763//Homo sapiens UBA3 (UBA3) mRNA, complete cds//2.0e-117:59
8:95//Hs.154320:AF046024

R-PLACE1009794//ESTs//7.9e-102:529:95//Hs.42927:N20989

R-PLACE1009798//Human DNA sequence from clone 1189B24 on chromosome Xq25
-26.3. Contains NADH-Ubiquinone Oxidoreductase MLRQ subunit (EC 1.6.5.3,
EC 1.6.99.3, CI-MLRQ), Tubulin Beta and Proto-oncogene Tyrosine-protein
Kinase FER (EC 2.7.1.112, P94-FER, C-FER, TYK3) pseudogenes, and part o
f a novel gene similar to hypothetical proteins S. pombe C22F3.14C and C
. elegans C16A3.8. Contains ESTs and GSSs//1.1e-113:549:97//Hs.16411:AL0
30996

R-PLACE1009845//ESTs//9.5e-106:560:93//Hs.117751:AI056868

R-PLACE1009879//ESTs//1.8e-61:399:86//Hs.141012:R68748

R-PLACE1009886//EST//0.54:153:64//Hs.144281:AA081328

R-PLACE1009888//ESTs//2.7e-105:520:97//Hs.108646:AA613031

R-PLACE1009908//ESTs, Weakly similar to similar to mouse MMR1 [C.elegans
]//1.6e-114:594:94//Hs.67466:AI219740

R-PLACE1009921//ESTs//7.6e-05:291:60//Hs.124786:AA825563

R-PLACE1009924//EST//1.2e-42:216:98//Hs.31742:H20276

R-PLACE1009925//ESTs//5.4e-30:154:100//Hs.114605:AI304317

R-PLACE1009935//ESTs//1.4e-83:417:97//Hs.131755:AA496543

R-PLACE1009947//Keratin 9//1.0:273:61//Hs.2783:Z29074
R-PLACE1009971//ESTs//1.5e-87:424:98//Hs.13781:AI160540
R-PLACE1009992//ESTs//1.3e-87:531:87//Hs.55044:AA460698
R-PLACE1009995//ESTs//1.3e-103:575:91//Hs.71218:C75347
R-PLACE1009997//Small inducible cytokine A5 (RANTES)//1.1e-42:286:86//Hs
.155464:AF088219
R-PLACE1010023//ESTs, Weakly similar to C27F2.7 gene product [C.elegans]
//1.7e-17:137:86//Hs.7049:AI141736
R-PLACE1010031//ESTs//0.22:191:62//Hs.127787:AA832204
R-PLACE1010053//ESTs, Moderately similar to spermatid perinuclear RNA-bi
nding protein Spnr [M.musculus]//7.6e-104:546:94//Hs.8215:AA521150
R-PLACE1010069//ESTs//0.99:173:59//Hs.21415:AI150905
R-PLACE1010074//Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds//
1.5e-88:543:88//Hs.11183:AF065482
R-PLACE1010076//ESTs//3.4e-106:530:95//Hs.28005:AA604375
R-PLACE1010083//ESTs//4.1e-65:395:88//Hs.6103:AA496424
R-PLACE1010089//ESTs//1.6e-70:348:97//Hs.9011:AA418615
R-PLACE1010096//ESTs, Highly similar to hypothetical protein, 100K [R.no
rvegicus]//2.8e-104:565:92//Hs.11469:U69567
R-PLACE1010102//ESTs//7.7e-50:311:89//Hs.5518:AI052015
R-PLACE1010105//ESTs//6.0e-94:483:94//Hs.62684:AA806103
R-PLACE1010106//ESTs, Weakly similar to putative p150 [H.sapiens]//1.6e-
107:575:93//Hs.48301:AA122270
R-PLACE1010134//EST//8.5e-59:314:94//Hs.135005:AI095130
R-PLACE1010148//A-KINASE ANCHOR PROTEIN 79//0.52:351:56//Hs.48714:M90359
R-PLACE1010152//ESTs//1.9e-40:240:90//Hs.17054:AI139897
R-PLACE1010181//ESTs//3.6e-64:307:99//Hs.154163:AJ003313
R-PLACE1010194//ESTs//2.7e-70:366:96//Hs.5301:T58466
R-PLACE1010202//ESTs//0.57:120:67//Hs.58873:W95037

R-PLACE1010231
R-PLACE1010261//EST//6.9e-50:251:98//Hs.148208:AA897478
R-PLACE1010270//ESTs//1.9e-87:430:96//Hs.25252:AI079545
R-PLACE1010274//ESTs//1.9e-57:439:81//Hs.30078:H04535
R-PLACE1010293//ESTs//8.1e-41:310:81//Hs.146811:AA410788
R-PLACE1010321//ESTs//5.7e-50:246:99//Hs.151445:AA351081
R-PLACE1010324//ESTs//0.00025:377:60//Hs.97430:AA398568
R-PLACE1010329//Small inducible cytokine A5 (RANTES)//2.4e-40:300:82//Hs.155464:AF088219
R-PLACE1010341//EST, Moderately similar to !!!! ALU SUBFAMILY SQ WARNING
ENTRY !!!! [H.sapiens]//9.9e-32:190:77//Hs.152369:AA504818
R-PLACE1010362//ESTs//8.2e-86:404:99//Hs.25625:AA669327
R-PLACE1010364//ESTs//1.5e-105:556:93//Hs.12229:AA149594
R-PLACE1010383//Homo sapiens mRNA for putative lipoic acid synthetase, partial//4.9e-35:166:86//Hs.53531:AJ224162
R-PLACE1010401//ESTs//2.3e-85:450:93//Hs.23193:AA418152
R-PLACE1010481//ESTs//0.012:280:59//Hs.5579:AI392816
R-PLACE1010491//Homo sapiens Cre binding protein-like 2 mRNA, complete cds//2.4e-89:438:96//Hs.13313:AF039081
R-PLACE1010492
R-PLACE1010522//EST//0.43:82:68//Hs.89303:AA284031
R-PLACE1010547//ESTs//3.4e-36:228:89//Hs.128724:AA215455
R-PLACE1010562//ESTs//4.8e-68:408:90//Hs.17244:W86306
R-PLACE1010579//EST//0.015:193:63//Hs.67093:C14033
R-PLACE1010580//ESTs//2.4e-93:445:98//Hs.127325:AA234116
R-PLACE1010599
R-PLACE1010616//ESTs//2.9e-101:497:97//Hs.142197:AA573418
R-PLACE1010622//ESTs//7.1e-23:157:91//Hs.159877:N57895
R-PLACE1010624//ESTs//1.4e-89:428:98//Hs.116561:AA658475

R-PLACE1010628//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
RY !!!! [H.sapiens]//6.4e-74:391:95//Hs.163495:W57637

R-PLACE1010629//ESTs//5.8e-75:359:99//Hs.123630:AI250805

R-PLACE1010630//ESTs//9.5e-101:519:94//Hs.77873:AA731719

R-PLACE1010631//Homo sapiens mRNA for KIAA0530 protein, partial cds//8.3
e-94:497:93//Hs.10801:AB011102

R-PLACE1010661//ESTs, Highly similar to TESTIS-SPECIFIC PROTEIN PBS13 [
Mus musculus]//4.8e-83:467:91//Hs.22383:R51067

R-PLACE1010662//ESTs, Weakly similar to UDP-GLUCOSE:GLYCOPROTEIN GLUCOSY
LTRANSFERASE PRECURSOR [D.melanogaster]//8.3e-103:538:94//Hs.105794:AA70
1659

R-PLACE1010702//Homo sapiens DNA from chromosome 19, BAC 33152//4.8e-46:
531:71//Hs.55452:AC003973

R-PLACE1010714//Human organic anion transporting polypeptide (OATP) mRNA
, complete cds//0.0074:351:60//Hs.46440:U21943

R-PLACE1010720//Homo sapiens chromosome-associated protein-C (hCAP-C) mR
NA, partial cds//1.2e-56:300:95//Hs.50758:AF092564

R-PLACE1010739//Homo sapiens mRNA for oligophrenin 1//2.6e-84:501:88//Hs
.158122:AJ001189

R-PLACE1010743

R-PLACE1010761//Homo sapiens okadaic acid-inducible phosphoprotein (OA48
-18) mRNA, complete cds//5.2e-94:442:96//Hs.3688:AF069250

R-PLACE1010771//ESTs//3.8e-54:264:99//Hs.27299:AI074024

R-PLACE1010786//ESTs, Highly similar to MYOSIN HEAVY CHAIN IB [Acantham
oeba castellanii]//7.6e-111:575:94//Hs.10260:AI126627

R-PLACE1010800//ESTs//1.9e-109:557:95//Hs.11460:AA057558

R-PLACE1010802//ESTs//0.00021:428:58//Hs.70258:AI091203

R-PLACE1010811//ESTs//7.4e-73:394:93//Hs.48499:AA428896

R-PLACE1010833//ESTs//9.0e-33:274:78//Hs.24391:W27472

R-PLACE1010856//ESTs//5.8e-41:351:81//Hs.17401:W81048
 R-PLACE1010857//ESTs, Weakly similar to T14B4.2 gene product [C.elegans]
 //1.4e-71:326:92//Hs.3385:N25917
 R-PLACE1010870//ESTs//5.8e-57:303:96//Hs.30503:H05090
 R-PLACE1010877//Homo sapiens mRNA for KIAA0610 protein, partial cds//2.3
 e-101:501:96//Hs.118087:AB011182
 R-PLACE1010891
 R-PLACE1010896//EST//0.0039:249:57//Hs.126090:AA867983
 R-PLACE1010900//Human Xq28 mRNA, complete cds//3.3e-07:106:76//Hs.20136:
 U46023
 R-PLACE1010916//Plasminogen activator inhibitor, type II (arginine-serpi-
 n)//0.25:190:61//Hs.75716:Y00630
 R-PLACE1010917//ESTs//1.3e-82:452:92//Hs.68055:AA081093
 R-PLACE1010925//ESTs//1.1e-92:471:95//Hs.17448:AI125479
 R-PLACE1010926//Homo sapiens mRNA for KIAA0554 protein, partial cds//1.3
 e-66:402:89//Hs.74750:AB011126
 R-PLACE1010942//Homo sapiens intersectin short form mRNA, complete cds//
 8.9e-82:441:93//Hs.66392:AF064244
 R-PLACE1010944
 R-PLACE1010947//ESTs//6.7e-15:102:91//Hs.116808:AA211519
 R-PLACE1010954//Small inducible cytokine A5 (RANTES)//8.8e-51:278:93//Hs
 .155464:AF088219
 R-PLACE1010960//ESTs, Highly similar to ACTIN-LIKE PROTEIN 13E. [Drosoph
 ila melanogaster] //1.0e-103:565:92//Hs.23259:AA532437
 R-PLACE1010965//EST//6.3e-80:447:91//Hs.139529:AA219580
 R-PLACE1011026//ESTs//4.6e-99:463:99//Hs.149732:AI199846
 R-PLACE1011032//ESTs//6.3e-56:295:94//Hs.143576:AI147867
 R-PLACE1011041//ESTs//5.3e-27:168:91//Hs.7936:AA923249
 R-PLACE1011046//Homo sapiens mRNA for KIAA0581 protein, partial cds//9.4

e-102:563:91//Hs.41143:AB011153
R-PLACE1011054//EST//1.1e-15:245:69//Hs.112648:AA609135
R-PLACE1011056//Small inducible cytokine A5 (RANTES)//3.5e-38:285:82//Hs
.155464:AF088219
R-PLACE1011057//ESTs//3.5e-81:410:96//Hs.96499:AA252537
R-PLACE1011090//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
RY !!!! [H.sapiens]//1.6e-54:398:84//Hs.108740:W20094
R-PLACE1011109//EST//1.3e-48:321:85//Hs.146794:AI149478
R-PLACE1011114//ESTs//5.4e-90:475:94//Hs.69331:AA099587
R-PLACE1011133//ESTs, Highly similar to 40 KD PROTEIN [Borna disease vi
rus]//3.0e-105:552:93//Hs.31257:AA875998
R-PLACE1011143//ESTs//0.40:127:65//Hs.118701:AA420795
R-PLACE1011160//Homa sapiens mRNA for HRIHFB2038, partial cds//7.7e-97:5
34:91//Hs.28719:AB015333
R-PLACE1011165//ESTs//1.0:135:69//Hs.32163:AI374673
R-PLACE1011185//ESTs, Weakly similar to !!!! ALU CLASS B WARNING ENTRY !
!!! [H.sapiens]//3.4e-85:442:95//Hs.136910:AA810782
R-PLACE1011203//EST//0.0047:268:60//Hs.68832:AA088438
R-PLACE1011219//ESTs//7.6e-96:504:93//Hs.124834:AI138671
R-PLACE1011221//ESTs//5.2e-23:241:78//Hs.26761:AA203299
R-PLACE1011229//ESTs//1.9e-90:461:95//Hs.132288:AI027693
R-PLACE1011263//ESTs//6.6e-56:321:93//Hs.158787:W79602
R-PLACE1011273//ESTs//0.016:131:65//Hs.140466:AA766772
R-PLACE1011291//EST//8.7e-47:267:91//Hs.158806:AI376913
R-PLACE1011296//EST//2.7e-38:225:92//Hs.160934:AI376849
R-PLACE1011310//ESTs//9.1e-37:196:96//Hs.39328:H71807
R-PLACE1011325//Human clone 23721 mRNA sequence//0.0012:486:58//Hs.83572
:U79291
R-PLACE1011332//ESTs//8.4e-44:217:99//Hs.101365:R60578

R-PLACE1011340//ESTs, Weakly similar to TEICHOIC ACID BIOSYNTHESIS PROTEIN A [Bacillus subtilis]//3.4e-92:452:97//Hs.144194:AA706337

R-PLACE1011375//ESTs//2.2e-35:195:96//Hs.106486:H11376

R-PLACE1011399//ESTs//0.00096:224:67//Hs.151643:AA001194

R-PLACE1011419//ESTs//4.9e-50:267:95//Hs.7045:AA167337

R-PLACE1011433//Homo sapiens mRNA for KIAA0530 protein, partial cds//4.8e-114:600:94//Hs.10801:AB011102

R-PLACE1011452//Homo sapiens mRNA for KIAA0707 protein, partial cds//3.7e-32:310:76//Hs.138488:AB014607

R-PLACE1011465//ESTs//4.5e-86:471:93//Hs.144519:R70887

R-PLACE1011472//Homo sapiens mRNA for KIAA0712 protein, complete cds//2.6e-104:515:96//Hs.111138:AB018255

R-PLACE1011492//ESTs//1.7e-96:488:95//Hs.116555:AA639278

R-PLACE1011503//Homo sapiens clone 23597 mRNA sequence//1.0:193:60//Hs.28197:AF035294

R-PLACE1011520//ESTs//6.8e-99:477:97//Hs.85077:AA968576

R-PLACE1011563//ESTs//1.4e-94:514:92//Hs.16471:AA206421

R-PLACE1011567//EST//2.8e-89:417:100//Hs.149770:AI285985

R-PLACE1011576//Zinc finger protein 91 (HPF7, HTF10)//4.7e-55:267:81//Hs.8597:L11672

R-PLACE1011586//Myosin, heavy polypeptide 11, smooth muscle//0.98:168:61//Hs.78344:AF001548

R-PLACE1011635//ESTs//2.5e-67:332:98//Hs.108194:AA780067

R-PLACE1011641//ESTs//2.5e-71:338:100//Hs.153085:AA993965

R-PLACE1011643//EST//1.9e-18:181:78//Hs.160879:AI361900

R-PLACE1011649//Homo sapiens clone 24432 mRNA sequence//2.5e-73:414:91//Hs.78019:AF070535

R-PLACE1011650//EST//5.8e-18:118:92//Hs.124486:AA846036

R-PLACE1011664//Restin (Reed-Steinberg cell-expressed intermediate filam

ent-associated protein)//0.50:178:62//Hs.31638:X64838
R-PLACE1011675
R-PLACE1011682//ESTs//2.4e-90:465:94//Hs.57830:AI312025
R-PLACE1011719//Human Line-1 repeat mRNA with 2 open reading frames//8.5
e-57:410:83//Hs.23094:M19503
R-PLACE1011725//ESTs//2.0e-70:340:98//Hs.161725:AA251392
R-PLACE1011729//ESTs//7.5e-19:180:79//Hs.119516:AA443426
R-PLACE1011749//Myelin oligodendrocyte glycoprotein {alternative product
s} //7.3e-40:361:77//Hs.53217:Z48051
R-PLACE1011762//Human kpni repeat mrna (cdna clone pcd-kpni-8), 3' end//
3.0e-60:319:76//Hs.103948:K00627
R-PLACE1011778//ESTs//8.0e-70:372:94//Hs.46765:AA521080
R-PLACE1011783//Calcium modulating ligand//8.4e-41:279:85//Hs.13572:AF06
8179
R-PLACE1011858//ESTs//2.6e-69:396:91//Hs.55220:D11563
R-PLACE1011874//Human mRNA for KIAA0033 gene, partial cds//1.2e-53:439:8
0//Hs.22271:D26067
R-PLACE1011875//ESTs//9.0e-88:420:98//Hs.70897:AA987648
R-PLACE1011891//ESTs//3.9e-17:97:100//Hs.84698:AA725913
R-PLACE1011896//ESTs//2.8e-23:176:84//Hs.121540:AI275497
R-PLACE1011922//ESTs//6.6e-35:415:73//Hs.10972:AA164268
R-PLACE1011923//Homo sapiens serum-inducible kinase mRNA, complete cds//
2.3e-99:546:92//Hs.3838:AF059617
R-PLACE1011962//ESTs//3.3e-49:294:90//Hs.106800:AI031969
R-PLACE1011964//ESTs, Weakly similar to LINE-1 REVERSE TRANSCRIPTASE HOM
OLOG [H.sapiens] //2.6e-06:284:63//Hs.124102:AA701285
R-PLACE1011982//ESTs//2.9e-51:291:93//Hs.20792:R14890
R-PLACE1011995//ESTs//4.5e-39:304:81//Hs.138852:AA284247
R-PLACE1012031//Homo sapiens mRNA for KIAA0713 protein, partial cds//8.0

e-106:540:95//Hs.88756:AB018256
R-PLACE2000003//ESTs//2.0e-103:488:98//Hs.8341:AA490069
R-PLACE2000007//ESTs//2.4e-110:564:95//Hs.65135:W89120
R-PLACE2000011//Homo sapiens clone 614 unknown mRNA, complete sequence//
4.8e-105:524:95//Hs.21811:AF091080
R-PLACE2000015//ESTs//7.1e-111:543:96//Hs.32178:AA083211
R-PLACE2000017//EST//8.2e-46:404:79//Hs.133006:AI049504
R-PLACE2000021//EST//4.5e-19:221:71//Hs.150830:AI302868
R-PLACE2000033//Human melanoma antigen recognized by T-cells (MART-1) mR
NA//1.6e-43:355:79//Hs.154069:U06452
R-PLACE2000034//ESTs//2.2e-21:314:70//Hs.107697:W29013
R-PLACE2000039//H.sapiens mRNA for translin associated protein X//2.9e-4
5:514:72//Hs.96247:X95073
R-PLACE2000047//Homo sapiens class-I MHC-restricted T cell associated mo
lecule (CRTAM) mRNA, complete cds//4.1e-45:358:81//Hs.159523:AF001622
R-PLACE2000050//ESTs//4.5e-65:322:98//Hs.155820:N67652
R-PLACE2000061//Homo sapiens mRNA for KIAA0575 protein, complete cds//9.
2e-41:429:72//Hs.153468:AB011147
R-PLACE2000062//Human mRNA for KIAA0392 gene, partial cds//2.0e-43:296:8
6//Hs.40100:AB002390
R-PLACE2000072//Homo sapiens ZNF202 alpha (ZNF202) mRNA, complete cds//6
.2e-111:550:95//Hs.9443:AF027219
R-PLACE2000097//Calcium modulating ligand//6.2e-47:372:80//Hs.13572:AF06
8179
R-PLACE2000100//ESTs//8.8e-42:281:86//Hs.150727:AI292236
R-PLACE2000103//ESTs//4.7e-97:518:93//Hs.118727:W26941
R-PLACE2000111//Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA,
partial cds//0.00043:127:71//Hs.42400:AF022789
R-PLACE2000115//ESTs//7.8e-93:458:96//Hs.104520:AA481662

R-PLACE2000132//ESTs//3.8e-69:409:91//Hs.98502:AA433988
 R-PLACE2000136//ESTs//6.2e-05:274:61//Hs.114067:AA701558
 R-PLACE2000140//Homo sapiens mRNA for KIAA0562 protein, complete cds//4.7e-44:302:85//Hs.118401:AB011134
 R-PLACE2000164//ESTs//6.3e-106:506:98//Hs.16390:AI052357
 R-PLACE2000170//Small inducible cytokine A5 (RANTES)//3.7e-42:326:79//Hs.155464:AF088219
 R-PLACE2000172//ESTs//9.6e-43:232:94//Hs.6709:AI379778
 R-PLACE2000176//EST//1.6e-24:154:91//Hs.157734:AI360292
 R-PLACE2000187//Human mRNA for KIAA0033 gene, partial cds//2.0e-49:292:90//Hs.22271:D26067
 R-PLACE2000216//ESTs//0.0041:166:64//Hs.159476:AI382378
 R-PLACE2000223//ESTs//0.49:171:60//Hs.86154:AA207191
 R-PLACE2000235//ESTs//2.9e-39:264:85//Hs.136839:H93717
 R-PLACE2000246//NAD(P)H:menadione oxidoreductase//4.0e-44:331:82//Hs.80706:M81600
 R-PLACE2000264//Human mRNA for KIAA0365 gene, partial cds//4.0e-38:311:81//Hs.84123:AB002363
 R-PLACE2000274//ESTs, Weakly similar to dynein-related protein [H.sapiens]//1.9e-87:422:98//Hs.9740:AI004779
 R-PLACE2000302//ESTs, Highly similar to THREONYL-TRNA SYNTHETASE, CYTOLASMIC [Homo sapiens]//4.8e-68:380:92//Hs.107365:AA720664
 R-PLACE2000305//ESTs//2.6e-43:413:75//Hs.118732:AI344055
 R-PLACE2000317//ESTs//2.8e-92:501:92//Hs.28432:R83380
 R-PLACE2000335//ESTs//4.3e-32:300:77//Hs.163035:AA748058
 R-PLACE2000342//Homo sapiens ubiquitin hydrolyzing enzyme I (UBH1) mRNA, partial cds//0.00071:117:73//Hs.42400:AF022789
 R-PLACE2000347//ESTs//1.6e-30:214:86//Hs.135272:AI347618
 R-PLACE2000359//Zinc finger protein 139 (clone pHZ-37)//5.5e-42:288:86//

Hs.140090:U09848

R-PLACE2000366//Thromboxane A2 receptor//6.7e-53:392:82//Hs.89887:D38081

R-PLACE2000371//ESTs//3.6e-81:409:97//Hs.155138:AA158731

R-PLACE2000373//Homo sapiens mRNA for KIAA0734 protein, partial cds//0.8
9:186:62//Hs.101516:AB018277

R-PLACE2000379//ESTs//3.4e-10:228:64//Hs.57842:W63781

R-PLACE2000394//ESTs//6.7e-41:462:74//Hs.107657:AA126814

R-PLACE2000398//ESTs//4.2e-33:373:74//Hs.155184:AA573189

R-PLACE2000399

R-PLACE2000404//ESTs, Highly similar to LEUCYL-TRNA SYNTHETASE, CYTOPLA
SMIC [*Saccharomyces cerevisiae*]//4.2e-109:540:96//Hs.6762:AA088424

R-PLACE2000411//ESTs//1.6e-89:459:95//Hs.117589:N25941

R-PLACE2000419//ESTs, Weakly similar to F25H9.6 [*C.elegans*]//1.6e-97:436
:95//Hs.24647:W19739

R-PLACE2000425//Homo sapiens DEC-205 mRNA, complete cds//2.2e-44:287:88/
/Hs.153563:AF011333

R-PLACE2000427//ESTs, Weakly similar to coded for by *C. elegans* cDNA CEE
SI42F [*C.elegans*]//3.0e-113:543:97//Hs.16933:AA976002

R-PLACE2000433//ESTs//1.8e-46:311:85//Hs.145032:AA343523

R-PLACE2000435//ESTs//2.9e-33:243:87//Hs.90964:AA393986

R-PLACE2000438//ESTs//2.8e-09:66:96//Hs.59548:AI279887

R-PLACE2000450//Human mRNA for KIAA0392 gene, partial cds//3.3e-39:394:7
4//Hs.40100:AB002390

R-PLACE2000455//ESTs//1.2e-62:301:99//Hs.151708:AA554714

R-PLACE2000458//ESTs//6.8e-92:473:96//Hs.115897:AA156638

R-PLACE2000465//ESTs//1.3e-45:435:76//Hs.141635:N79228

R-PLACE2000477//ESTs//2.6e-100:536:94//Hs.77822:AA532642

R-PLACE30000004//ESTs//9.1e-114:558:97//Hs.13035:AA151838

R-PLACE30000029//Homo sapiens mRNA for KIAA0575 protein, complete cds//6.

3e-64:350:86//Hs.153468:AB011147

R-PLACE3000059//EST//0.028:175:61//Hs.159873:R92763

R-PLACE3000070//ESTs//3.8e-16:200:74//Hs.138771:N70979

R-PLACE3000103//ISLET AMYLOID POLYPEPTIDE PRECURSOR//3.7e-48:468:75//Hs.
51048:X68830

R-PLACE3000119//ESTs//1.2e-45:330:83//Hs.35254:AI133727

R-PLACE3000124//EST//3.1e-75:391:96//Hs.161515:N71739

R-PLACE3000136//ESTs//8.3e-18:152:84//Hs.10043:D81792

R-PLACE3000142//ESTs//0.047:183:62//Hs.43102:AA131369

R-PLACE3000147//ESTs//6.6e-53:310:90//Hs.8230:W07142

R-PLACE3000148//EST//1.9e-16:184:76//Hs.146570:AI139815

R-PLACE3000155//ESTs//1.2e-19:192:79//Hs.131350:AA805223

R-PLACE3000156//ESTs, Highly similar to ENV POLYPROTEIN [Avian spleen n
ecrosis virus]//4.8e-36:262:88//Hs.31532:H18272

R-PLACE3000157

R-PLACE3000158//Small inducible cytokine A5 (RANTES)//8.2e-39:296:81//Hs
.155464:AF088219

R-PLACE3000160

R-PLACE3000169//ESTs//1.5e-64:329:97//Hs.129864:R20798

R-PLACE3000194

R-PLACE3000197//ESTs//1.4e-38:197:98//Hs.146341:AI269930

R-PLACE3000199//ESTs, Highly similar to APOLIPOPROTEIN E PRECURSOR [Sus
scrofa]//0.018:261:61//Hs.131370:AA927516

R-PLACE3000207//EST//1.3e-15:154:78//Hs.136617:AA630476

R-PLACE3000208//ESTs//1.6e-18:151:82//Hs.155498:W27084

R-PLACE3000218//ESTs//1.8e-85:463:93//Hs.7849:AI129964

R-PLACE3000220//ESTs//6.4e-44:308:84//Hs.136839:H93717

R-PLACE3000226//ESTs//1.3e-49:269:95//Hs.9059:AI359014

R-PLACE3000230//EST//2.3e-34:258:83//Hs.4382:T02878

R-PLACE3000242//Human trophinin mRNA, complete cds//1.1e-63:546:78//Hs.76313:U04811

R-PLACE3000244//ESTs, Highly similar to NEGATIVE REGULATOR OF MITOSIS [Emericella nidulans]//7.5e-110:549:95//Hs.13692:AA632002

R-PLACE3000254//Human mRNA for KIAA0309 gene, partial cds//2.4e-29:174:94//Hs.87908:AB002307

R-PLACE3000271//Human macrophage-derived chemokine precursor (MDC) mRNA, complete cds//2.3e-62:287:82//Hs.97203:U83171

R-PLACE3000276//ESTs//7.5e-07:187:64//Hs.80720:AA031782

R-PLACE3000304//Human 53K isoform of Type II phosphatidylinositol-4-phosphate 5-kinase (PIPK) mRNA, complete cds//4.0e-59:456:80//Hs.108966:U48696

R-PLACE3000310//ISLET AMYLOID POLYPEPTIDE PRECURSOR//6.0e-45:302:86//Hs.51048:X68830

R-PLACE3000320//Interleukin 10//9.6e-42:288:85//Hs.2180:M57627

R-PLACE3000322//ESTs, Highly similar to ARGININOSUCCINATE LYASE [Homo sapiens]//5.8e-34:190:95//Hs.114531:N74103

R-PLACE3000331//Homo sapiens mRNA for KIAA0772 protein, complete cds//3.7e-32:239:84//Hs.15519:AB018315

R-PLACE3000339//ESTs//1.3e-109:548:96//Hs.7871:AI041837

R-PLACE3000341//EST//1.1e-11:231:68//Hs.131328:AA922688

R-PLACE3000350//Human mRNA for adipogenesis inhibitory factor//8.0e-40:291:76//Hs.1721:X58377

R-PLACE3000352//EST//1.8e-72:343:100//Hs.144871:AI202380

R-PLACE3000353//ESTs//2.0e-75:395:95//Hs.107260:W52683

R-PLACE3000362//EST//2.8e-80:381:99//Hs.136233:AA261888

R-PLACE3000363

R-PLACE3000365//EST//4.8e-50:307:88//Hs.149580:AI281881

R-PLACE3000373//ESTs//5.8e-60:422:83//Hs.142826:W87430

R-PLACE3000388//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING
ENTRY !!!! [H.sapiens]//1.0e-35:427:73//Hs.138795:R98534
R-PLACE3000399//ESTs//6.5e-05:162:66//Hs.149440:AI274570
R-PLACE3000400//ESTs//8.3e-05:310:63//Hs.17697:AA287528
R-PLACE3000401//ESTs//4.6e-60:326:80//Hs.139555:N48230
R-PLACE3000402//Homo sapiens clone 24629 mRNA sequence//0.50:227:62//Hs.
142570:AF052160
R-PLACE3000405//Human HsLIM15 mRNA for HsLim15, complete cds//5.3e-43:31
5:82//Hs.37181:D64108
R-PLACE3000406//Human high-affinity copper uptake protein (hCTR1) mRNA,
complete cds//4.4e-47:302:87//Hs.73614:U83460
R-PLACE3000413//ESTs//1.6e-116:571:97//Hs.10235:H93077
R-PLACE3000416//Small inducible cytokine A5 (RANTES)//1.8e-41:300:85//Hs
.155464:AF088219
R-PLACE3000425//Homo sapiens 4F5S mRNA, complete cds//1.6e-46:307:85//Hs
.32567:AF073519
R-PLACE3000455//ESTs//1.0:160:64//Hs.156045:AA884461
R-PLACE3000475//Human signal transducing adaptor molecule STAM mRNA, com
plete cds//6.1e-84:440:92//Hs.153487:U43899
R-PLACE3000477//ESTs//2.4e-113:568:96//Hs.24557:AA142980
R-PLACE4000009//ESTs//1.5e-72:361:96//Hs.10119:AA700227
R-PLACE4000014//Homo sapiens mRNA for KIAA0809 protein, partial cds//8.8
e-85:433:95//Hs.105399:AB018352
R-PLACE4000034//ESTs//7.0e-110:550:96//Hs.76607:AA156240
R-PLACE4000049//EST//0.028:87:75//Hs.89303:AA284031
R-PLACE4000052//ESTs//5.6e-116:553:98//Hs.19067:AA521292
R-PLACE4000063//ESTs//5.0e-80:388:98//Hs.135028:AI096444
R-PLACE4000089//ESTs//2.3e-97:479:97//Hs.102425:AA807547
R-PLACE4000093//ESTs//1.5e-82:391:99//Hs.160730:AI142739

R-PLACE4000100

R-PLACE4000106//Homo sapiens mRNA for KIAA0462 protein, partial cds//2.7e-98:419:91//Hs.129937:AB007931

R-PLACE4000128//ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens]//3.8e-11:184:71//Hs.154278:N45985

R-PLACE4000129//Homo sapiens mRNA, chromosome 1 specific transcript KIAA0500//5.2e-21:118:100//Hs.118164:AB007969

R-PLACE4000147//EST//1.6e-23:175:79//Hs.162236:AA551582

R-PLACE4000156//Homo sapiens mRNA for KIAA0575 protein, complete cds//3.0e-47:306:88//Hs.153468:AB011147

R-PLACE4000192//ESTs, Weakly similar to similar to Human zinc finger protein(ZNF142) [H.sapiens]//6.7e-31:232:82//Hs.16493:T92186

R-PLACE4000222//ESTs//2.2e-53:195:85//Hs.141575:AA211734

R-PLACE4000233//ESTs//2.9e-81:456:93//Hs.124964:R81949

R-PLACE4000247//Homo sapiens PYRIN (MEFV) mRNA, complete cds//5.5e-72:307:85//Hs.113283:AF018080

R-PLACE4000250//Small inducible cytokine A5 (RANTES)//7.1e-43:301:83//Hs.155464:AF088219

R-PLACE4000252//EST//1.6e-40:275:85//Hs.162197:AA535216

R-PLACE4000261//EST//0.0063:384:58//Hs.136284:AA400442

R-PLACE4000269//ESTs//7.3e-67:345:97//Hs.5000:R44586

R-PLACE4000270//Homo sapiens apoptotic protease activating factor 1 (Apaf-1) mRNA, complete cds//2.1e-37:352:77//Hs.77579:AF013263

R-PLACE4000300//EST//0.26:103:68//Hs.144438:AA780782

R-PLACE4000320//EST//2.7e-44:298:85//Hs.162404:AA573131

R-PLACE4000323//ESTs//8.8e-38:178:79//Hs.155475:AA761454

R-PLACE4000326//ESTs//7.4e-103:516:96//Hs.55042:AA150460

R-PLACE4000344//ESTs//9.9e-94:463:96//Hs.100057:AA001414

R-PLACE4000367//ESTs//0.81:102:73//Hs.107692:H38478

R-PLACE4000369//ESTs//1.5e-69:390:92//Hs.13733:AA418656
 R-PLACE4000379//ESTs//1.3e-67:373:91//Hs.48569:AA905425
 R-PLACE4000387//EST, Moderately similar to !!!! ALU SUBFAMILY SQ WARNING
 ENTRY !!!! [H.sapiens]//1.9e-44:379:78//Hs.152369:AA504818
 R-PLACE4000392//ESTs, Weakly similar to line-1 protein ORF1 [H.sapiens]/
 /2.3e-70:482:83//Hs.140416:AA778649
 R-PLACE4000401//ESTs//1.3e-18:151:84//Hs.150355:AI273502
 R-PLACE4000411//ESTs//1.1e-108:543:96//Hs.23901:AA169780
 R-PLACE4000445//ESTs, Weakly similar to C05D9.6 gene product [C.elegans]
 //2.6e-111:530:98//Hs.12003:AA643063
 R-PLACE4000465//Cytochrome P450, subfamily I (aromatic compound-inducibl
 e), polypeptide 2//8.5e-58:409:72//Hs.1361:M55053
 R-PLACE4000489//ESTs//5.0e-70:342:98//Hs.72865:AI380932
 R-PLACE4000494//ESTs//1.4e-109:525:98//Hs.22539:AI334210
 R-PLACE4000522//ESTs//6.3e-88:471:93//Hs.8121:AA521290
 R-PLACE4000548//ESTs//3.3e-86:441:96//Hs.5070:AA149527
 R-PLACE4000558//Human putative monocarboxylate transporter (MCT) mRNA, c
 omplete cds//5.7e-46:425:76//Hs.23590:U59185
 R-THYRO1000026//ESTs//2.6e-42:331:82//Hs.137875:AA993532
 R-THYRO1000034//ESTs//2.1e-43:214:100//Hs.153018:AI243524
 R-THYRO1000035//ESTs//7.6e-52:325:90//Hs.49817:AA001249
 R-THYRO1000040//ESTs//1.7e-94:459:98//Hs.48712:AI027889
 R-THYRO1000070//ESTs//6.7e-43:283:86//Hs.37573:H59651
 R-THYRO1000072//ESTs//1.3e-57:313:96//Hs.127827:H13438
 R-THYRO1000085//ESTs//1.1e-90:439:98//Hs.150539:AA908435
 R-THYRO1000092//Human mRNA for KIAA0355 gene, complete cds//1.3e-41:344:
 79//Hs.153014:AB002353
 R-THYRO1000107//Interleukin 10//2.8e-43:292:84//Hs.2180:M57627
 R-THYRO1000111//ESTs, Highly similar to LINE-1 REVERSE TRANSCRIPTASE HO

MOLOG [Homo sapiens] //1.0e-52:413:80//Hs.140385:AA773359
R-THYRO1000121//EST//0.24:78:74//Hs.156632:AI345108
R-THYRO1000124//ESTs//2.8e-86:428:96//Hs.141634:AI122764
R-THYRO1000129//Homo sapiens TED protein (TED) mRNA, complete cds//6.8e-90:449:96//Hs.87619:AF087142
R-THYRO1000132//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNING ENTRY !!!! [H.sapiens] //5.2e-49:486:77//Hs.24164:N95217
R-THYRO1000156//ESTs//6.1e-36:344:75//Hs.70279:AA757426
R-THYRO1000163//Homo sapiens LIM protein mRNA, complete cds//4.8e-38:278:84//Hs.154103:AF061258
R-THYRO1000173//ESTs, Highly similar to CLATHRIN COAT ASSEMBLY PROTEIN AP47 [Mus musculus] //1.1e-111:554:96//Hs.18894:AA910946
R-THYRO1000186//ESTs//1.0e-44:339:83//Hs.155184:AA573189
R-THYRO1000187//Small inducible cytokine A5 (RANTES)//1.1e-41:305:81//Hs.155464:AF088219
R-THYRO1000190//Small inducible cytokine A5 (RANTES)//2.3e-44:301:85//Hs.155464:AF088219
R-THYRO1000197//Homo sapiens mRNA for poly(A)-specific ribonuclease//3.6e-110:535:97//Hs.43445:AJ005698
R-THYRO1000199//Homo sapiens mRNA for KIAA0652 protein, complete cds//4.3e-115:559:97//Hs.79672:AB014552
R-THYRO1000206//ESTs//3.1e-90:507:90//Hs.32456:W29063
R-THYRO1000221//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens] //1.1e-72:357:98//Hs.140002:AA635349
R-THYRO1000241//Homo sapiens mRNA for KIAA0688 protein, complete cds//7.8e-69:524:82//Hs.141874:AB014588
R-THYRO1000242//ESTs//4.2e-27:222:85//Hs.77554:W87927
R-THYRO1000253//Sialophorin (gpL115, leukosialin, CD43)//7.3e-40:318:80//Hs.80738:X52075

R-THYRO1000270//ESTs//1.9e-99:531:94//Hs.17767:N62925
R-THYRO1000279//EST//2.7e-54:266:99//Hs.149527:AI280674
R-THYRO1000288//Homo sapiens mRNA for Hs Ste24p, complete cds//3.5e-100:
566:91//Hs.25846:AB016068
R-THYRO1000320//POLYPOSIS LOCUS PROTEIN 1//1.0:321:58//Hs.74648:M73547
R-THYRO1000327//Autocrine motility factor receptor//9.2e-54:289:93//Hs.8
0731:M63175
R-THYRO1000343//Homo sapiens mRNA for KIAA0790 protein, partial cds//3.4
e-113:559:96//Hs.12002:AB018333
R-THYRO1000358//Human selenium-binding protein (hSBP) mRNA, complete cds
//1.5e-48:317:87//Hs.7833:U29091
R-THYRO1000368//ESTs//4.7e-88:430:98//Hs.146085:AA021064
R-THYRO1000381//ESTs//1.0:253:57//Hs.128783:AA436250
R-THYRO1000387//Homo sapiens ubiquitin conjugating enzyme G2 (UBE2G2) mR
NA, complete cds//4.6e-69:294:84//Hs.151614:AF032456
R-THYRO1000394//Thromboxane A2 receptor//4.1e-40:232:87//Hs.89887:D38081
R-THYRO1000395//ESTs//3.3e-20:160:83//Hs.101570:AA505429
R-THYRO1000401//ESTs//1.3e-109:516:99//Hs.78524:AI140601
R-THYRO1000438//ESTs//2.1e-48:360:83//Hs.141203:H52638
R-THYRO1000452//ESTs, Weakly similar to No definition line found [C.eleg
ans]//8.5e-40:239:90//Hs.84009:AI309761
R-THYRO1000471//ESTs//3.3e-36:302:80//Hs.70279:AA757426
R-THYRO1000484//Homo sapiens mRNA for KIAA0737 protein, complete cds//2.
2e-49:479:75//Hs.17630:AB018280
R-THYRO1000488//Homa sapiens mRNA for HRIHFB2038, partial cds//4.1e-89:4
71:94//Hs.28719:AB015333
R-THYRO1000501//ESTs//1.5e-46:287:89//Hs.125300:R62360
R-THYRO1000502//ESTs//1.7e-08:63:96//Hs.116319:AI208005
R-THYRO1000505//ESTs, Weakly similar to KIAA0281 [H.sapiens]//3.9e-57:28

6:96//Hs.105861:AI206965
R-THYRO1000558//ESTs//1.7e-95:454:99//Hs.125063:AA648511
R-THYRO1000569//ESTs//3.2e-89:463:94//Hs.20555:W22193
R-THYRO1000570//ESTs//2.8e-97:471:97//Hs.8245:AA115485
R-THYRO1000585//Homo sapiens protein associated with Myc mRNA, complete
cds//2.6e-108:533:97//Hs.151411:AF075587
R-THYRO1000596//ESTs//3.1e-99:527:94//Hs.6084:AA045247
R-THYRO1000602//EST//6.9e-50:381:83//Hs.161917:AA483223
R-THYRO1000605//ESTs, Weakly similar to monocytic leukaemia zinc finger
protein [H.sapiens]//1.2e-96:483:96//Hs.21907:N24415
R-THYRO1000625//ESTs//5.6e-36:257:84//Hs.139657:AA191742
R-THYRO1000637
R-THYRO1000641//ESTs, Weakly similar to ERYTHROCYTE BAND 7 INTEGRAL MEMB
RANE PROTEIN [H.sapiens]//4.9e-46:245:95//Hs.97398:AA398634
R-THYRO1000658//ESTs//5.8e-48:281:90//Hs.142259:AA828840
R-THYRO1000662//ESTs//1.5e-82:389:99//Hs.155573:AA487384
R-THYRO1000666//ESTs//1.4e-26:179:88//Hs.98382:AA779866
R-THYRO1000676//EST//6.4e-05:88:77//Hs.133424:AI061063
R-THYRO1000684//ESTs//1.9e-69:374:94//Hs.144617:R77109
R-THYRO1000699//ESTs//1.7e-58:394:86//Hs.26373:AA700713
R-THYRO1000712
R-THYRO1000734//EST//2.0e-06:95:73//Hs.156201:AA724287
R-THYRO1000748//EST//4.1e-12:155:74//Hs.118694:AA148713
R-THYRO1000756//ESTs, Weakly similar to CMP-N-ACETYLNEURAMINATE-BETA-GAL
ACTOSAMIDE-ALPHA-2,3-SIALYLTRANSFERASE [H.sapiens]//8.1e-82:497:87//Hs.1
09672:W22624
R-THYRO1000777
R-THYRO1000783//EST//5.6e-100:470:99//Hs.123515:AA812932
R-THYRO1000787//EST//8.0e-34:175:99//Hs.99607:AA463897

R-THYRO1000793//ESTs//2.2e-106:505:99//Hs.50929:AA443144
 R-THYRO1000796//ESTs//4.3e-44:445:75//Hs.55855:AA621381
 R-THYRO1000805//EST//2.6e-32:407:67//Hs.123424:AA813594
 R-THYRO1000815//Human mRNA for KIAA0033 gene, partial cds//2.0e-56:307:87//Hs.22271:D26067
 R-THYRO1000829
 R-THYRO1000843//Interleukin 10//1.1e-44:285:87//Hs.2180:M57627
 R-THYRO1000852//EST//2.3e-20:157:85//Hs.149580:AI281881
 R-THYRO1000855//ESTs//2.6e-44:359:81//Hs.140329:AA714011
 R-THYRO1000865//Protein kinase, interferon-inducible double stranded RNA dependent//2.8e-44:374:79//Hs.73821:M35663
 R-THYRO1000895//ESTs//1.0e-32:196:85//Hs.138630:H97871
 R-THYRO1000916//ESTs//4.6e-99:492:96//Hs.152442:AA528234
 R-THYRO1000926//Homo sapiens cAMP-specific phosphodiesterase 8B (PDE8B) mRNA, partial cds//3.1e-110:566:94//Hs.78106:AF079529
 R-THYRO1000934//ESTs//7.4e-102:535:95//Hs.58194:W72182
 R-THYRO1000951//ESTs//4.2e-11:91:89//Hs.6278:T15859
 R-THYRO1000952//ESTs//3.9e-93:489:94//Hs.48928:AA211761
 R-THYRO1000974//Homo sapiens ribosomal protein L33-like protein mRNA, complete cds//1.1e-60:321:95//Hs.14454:AF047440
 R-THYRO1000975//EST//9.8e-49:303:89//Hs.149580:AI281881
 R-THYRO1000983//ESTs, Highly similar to UBIQUITIN-CONJUGATING ENZYME E2-17 KD 11 [Arabidopsis thaliana]//1.6e-90:474:93//Hs.106616:AI027524
 R-THYRO1000984//ESTs//5.9e-97:481:96//Hs.142457:AI202777
 R-THYRO1000988//EST//3.5e-42:241:83//Hs.162404:AA573131
 R-THYRO1001003//ESTs, Weakly similar to ubiquitin-conjugating enzyme [H. sapiens]//3.0e-57:341:91//Hs.44049:AA521489
 R-THYRO1001031//ESTs//5.5e-47:322:85//Hs.136839:H93717
 R-THYRO1001033//ESTs//5.7e-89:427:98//Hs.71508:AA809070

R-THYRO1001062//EST//1.5e-46:291:89//Hs.161917:AA483223
R-THYRO1001093//ESTs//2.7e-80:468:90//Hs.124601:AA203497
R-THYRO1001100
R-THYRO1001120//ESTs, Moderately similar to fractionated X-irradiation-induced 29 thymoma [M.musculus]//6.6e-86:491:89//Hs.89135:AI138834
R-THYRO1001121//Homo sapiens mRNA for beta-tubulin folding cofactor D//2.6e-82:429:94//Hs.12570:AJ006417
R-THYRO1001133//ESTs//2.9e-39:242:90//Hs.152340:AA521399
R-THYRO1001134//ESTs//1.8e-102:521:95//Hs.108408:N31922
R-THYRO1001142//ESTs//0.26:84:69//Hs.153434:AI287853
R-THYRO1001173//Human mRNA for KIAA0238 gene, partial cds//0.0012:305:62//Hs.82042:D87075
R-THYRO1001177
R-THYRO1001189//H.sapiens F11 mRNA//1.5e-59:260:83//Hs.159639:X77744
R-THYRO1001204//ESTs, Weakly similar to TH1 protein [D.melanogaster]//1.0e-75:431:91//Hs.5184:AA709151
R-THYRO1001213//ESTs//1.3e-75:409:92//Hs.140213:AA828932
R-THYRO1001262//Human kpni repeat mrna (cdna clone pcd-kpni-4), 3' end//1.3e-48:349:83//Hs.139107:K00629
R-THYRO1001271//PUTATIVE PROTEIN PHOSPHATASE 2C//1.0:128:64//Hs.118728:D13640
R-THYRO1001290//ESTs//2.1e-89:424:99//Hs.118152:AA702561
R-THYRO1001313//ESTs//3.5e-17:139:87//Hs.15827:H16269
R-THYRO1001320//ESTs//1.4e-61:403:79//Hs.139555:N48230
R-THYRO1001321//Hypoxanthine phosphoribosyltransferase 1 (Lesch-Nyhan syndrome)//8.5e-05:326:60//Hs.82314:M31642
R-THYRO1001322//ESTs//0.16:422:59//Hs.23876:AA082935
R-THYRO1001347//ESTs, Weakly similar to C35A5.8 [C.elegans]//1.1e-106:562:94//Hs.15032:AA774250

R-THYRO1001363//ESTs//1.4e-99:508:95//Hs.5028:D51033
R-THYRO1001365
R-THYRO1001374
R-THYRO1001401//Human HsLIM15 mRNA for HsLim15, complete cds//2.5e-48:46
7:75//Hs.37181:D64108
R-THYRO1001403//Interleukin 10//2.1e-46:305:85//Hs.2180:M57627
R-THYRO1001405//ESTs//4.8e-25:197:84//Hs.6907:W72733
R-THYRO1001406//EST//0.0023:117:66//Hs.162931:AA633197
R-THYRO1001411//ESTs//6.1e-77:421:93//Hs.22973:R40979
R-THYRO1001426//Homo sapiens mRNA, chromosome 1 specific transcript KIAA
0508//9.1e-49:305:86//Hs.159187:AB007977
R-THYRO1001434//ESTs//0.40:161:61//Hs.161993:AA503172
R-THYRO1001458//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNIN
G ENTRY !!!! [H.sapiens]//1.7e-05:159:66//Hs.104239:AA488082
R-THYRO1001480//Small inducible cytokine A5 (RANTES)//1.3e-40:331:79//Hs
.155464:AF088219
R-THYRO1001487//Homo sapiens mRNA for KIAA0563 protein, complete cds//2.
1e-17:134:76//Hs.15731:AB011135
R-THYRO1001534//ESTs//4.6e-96:447:100//Hs.135204:AI093110
R-THYRO1001537//ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENT
RY !!!! [H.sapiens]//5.0e-33:304:80//Hs.108740:W20094
R-THYRO1001541//Human peptide transporter (HPEPT1) mRNA, complete cds//9
.0e-49:427:76//Hs.2217:U21936
R-THYRO1001559//ESTs//0.99:210:62//Hs.33619:AA021594
R-THYRO1001570//ESTs//4.9e-48:287:91//Hs.27131:AA442413
R-THYRO1001573//ESTs//2.1e-87:446:95//Hs.143669:AA621958
R-THYRO1001584//ESTs//1.5e-64:354:95//Hs.146222:AA397741
R-THYRO1001595//ESTs//5.7e-39:366:78//Hs.22562:R54247
R-THYRO1001602//Insulin-like growth factor 1 (somatomedia C)//7.4e-12:28

8:67//Hs.85112:X57025

R-THYRO1001605//Human GS2 mRNA, complete cds//6.9e-49:359:83//Hs.264:U03
886

R-THYRO1001617//Homo sapiens peroxisomal acyl-CoA: dihydroxyacetonephosph
ate acyltransferase (DHAPAT) mRNA, complete cds//1.3e-82:434:93//Hs.1248
2:AJ002190

R-THYRO1001637//Homo sapiens KIAA0414 mRNA, partial cds//7.1e-58:331:83/
/Hs.127649:AB007874

R-THYRO1001656//ESTs//3.8e-19:209:75//Hs.92186:AI080282

R-THYRO1001661//ESTs//1.4e-56:323:91//Hs.24984:AA534446

R-THYRO1001671//Homo sapiens mRNA for 2'-5' oligoadenylate synthetase 59
kDa isoform//1.6e-111:562:95//Hs.118633:AJ225089

R-THYRO1001673//Homo sapiens mRNA, chromosome 1 specific transcript KIAA
0488//1.0e-17:246:73//Hs.67619:AB007957

R-THYRO1001703//ESTs//1.1e-39:142:97//Hs.110748:AI341726

R-THYRO1001706//ESTs//2.2e-42:214:99//Hs.112536:AI147691

R-THYRO1001721

R-THYRO1001738//ESTs, Weakly similar to ZK1128.6 [C.elegans]//1.7e-10:14
7:77//Hs.158196:R53184

R-THYRO1001745//ELK1, member of ETS oncogene family//1.8e-12:282:65//Hs.
116549:AL009172

R-THYRO1001746//EST//0.0073:226:61//Hs.146544:AI125323

R-THYRO1001772//ESTs//8.2e-100:495:97//Hs.144993:AA243474

R-THYRO1001793//ESTs//2.5e-89:430:97//Hs.58127:AA534224

R-THYRO1001809//ESTs//1.0e-41:327:80//Hs.146811:AA410788

R-THYRO1001854//Homo sapiens mRNA, chromosome 1 specific transcript KIAA
0487//5.7e-38:242:83//Hs.92381:AB007956

R-THYRO1001895//ESTs//1.7e-08:213:64//Hs.156056:AI352123

R-THYRO1001907//ESTs, Moderately similar to !!!!! ALU SUBFAMILY SC WARNIN

G ENTRY !!!! [H.sapiens] //3.7e-41:362:79//Hs.139007:H74314
R-VESEN1000122
R-Y79AA1000013//ESTs//0.99:233:57//Hs.132216:AA923289
R-Y79AA1000033//EST//1.9e-62:324:95//Hs.157692:AI359321
R-Y79AA1000037//ESTs//6.1e-47:234:98//Hs.30773:AA557178
R-Y79AA1000059//Homo sapiens mRNA for KIAA0640 protein, partial cds//2.8e-51:330:89//Hs.153026:AB014540
R-Y79AA1000065//ESTs//2.0e-91:497:94//Hs.37759:H59629
R-Y79AA1000131//EST//2.3e-16:184:75//Hs.141501:N50792
R-Y79AA1000181//ESTs, Weakly similar to No definition line found [C.elegans] //2.4e-110:553:95//Hs.23159:AA113849
R-Y79AA1000202//Human mRNA for KIAA0169 gene, partial cds//0.094:185:62//Hs.79414:D79991
R-Y79AA1000214//ESTs//1.7e-93:495:94//Hs.11673:W68103
R-Y79AA1000230//ESTs//3.5e-114:553:98//Hs.47125:AI421812
R-Y79AA1000231//ESTs//1.1e-106:526:97//Hs.82856:AI246624
R-Y79AA1000258//ESTs//1.5e-99:490:97//Hs.6459:AI092936
R-Y79AA1000268//Human mRNA for KIAA0365 gene, partial cds//1.3e-44:320:84//Hs.84123:AB002363
R-Y79AA1000313//ESTs//1.7e-105:558:93//Hs.18851:AA857826
R-Y79AA1000328//ESTs//1.9e-76:448:91//Hs.16470:AA121635
R-Y79AA1000342//ESTs, Weakly similar to MATRIN 3 [H.sapiens] //2.0e-37:239:88//Hs.23476:AA401210
R-Y79AA1000346//ESTs//7.9e-12:139:76//Hs.115987:AA483808
R-Y79AA1000349//ESTs, Moderately similar to spermatid perinuclear RNA-binding protein Spnr [M.musculus] //4.4e-66:339:97//Hs.8215:AA521150
R-Y79AA1000355//ESTs, Moderately similar to !!!! ALU SUBFAMILY SC WARNIN
G ENTRY !!!! [H.sapiens] //3.2e-44:279:88//Hs.139007:H74314
R-Y79AA1000368//ESTs//3.8e-97:513:94//Hs.68090:AA641018

R-Y79AA1000405//ESTs//4.4e-47:267:94//Hs.125304:R51613
R-Y79AA1000410//ESTs//7.4e-49:359:82//Hs.158107:AA707758
R-Y79AA1000420//EST//0.17:99:69//Hs.160859:AI352292
R-Y79AA1000469//ESTs, Highly similar to ancient ubiquitous 46 kDa protein AUP46 precursor [M.musculus]//3.1e-60:362:88//Hs.6381:AI188509
R-Y79AA1000480//ESTs//1.0e-75:433:91//Hs.78110:AA741320
R-Y79AA1000538//EST//7.9e-48:307:87//Hs.149580:AI281881
R-Y79AA1000539//Human kinesin-like spindle protein HKSP (HKSP) mRNA, complete cds//0.95:172:62//Hs.41723:U37426
R-Y79AA1000540//ESTs//1.5e-97:534:93//Hs.67991:AA147848
R-Y79AA1000560//ESTs, Highly similar to ALPHA-ADAPTIN [Rattus norvegicus]//8.2e-97:482:97//Hs.19121:AI125280
R-Y79AA1000574//ESTs, Weakly similar to M04B2.4 [C.elegans]//1.3e-107:564:93//Hs.16361:AI147455
R-Y79AA1000627//Homo sapiens zinc finger protein (ZF5128) mRNA, complete cds//3.4e-99:517:94//Hs.60580:AF060503
R-Y79AA1000705//ESTs, Weakly similar to HYPOTHETICAL 128.5 KD HELICASE. I. N AT51-TPD3 INTERGENIC REGION [Saccharomyces cerevisiae]//8.1e-27:140:100//Hs.129049:H28818
R-Y79AA1000734//Homo sapiens peroxisomal biogenesis factor (PEX11b) mRNA, complete cds//8.7e-114:586:95//Hs.83023:AF093670
R-Y79AA1000748//ESTs, Weakly similar to HYPOTHETICAL 61.3 KD PROTEIN F25 B5.5 IN CHROMOSOME III [C.elegans]//9.8e-111:563:95//Hs.19845:AI005330
R-Y79AA1000752//Homo sapiens (huc) mRNA, complete cds//0.97:235:59//Hs.1701:L26405
R-Y79AA1000774//ESTs//5.9e-109:559:95//Hs.17138:N91463
R-Y79AA1000782//Human mRNA for KIAA0246 gene, partial cds//1.6e-18:107:100//Hs.84753:D87433
R-Y79AA1000784//EST//0.80:87:67//Hs.158558:AI368359

R-Y79AA1000794//ESTs//2.7e-99:498:96//Hs.25441:AA580512
 R-Y79AA1000800//ESTs//1.2e-97:532:93//Hs.77822:AA532642
 R-Y79AA1000802//Carboxypeptidase E//0.018:354:59//Hs.75360:X51405
 R-Y79AA1000805
 R-Y79AA1000824//ESTs//0.99:276:61//Hs.153992:AA280227
 R-Y79AA1000827//ESTs//1.2e-55:326:92//Hs.158127:AI334650
 R-Y79AA1000850//Homo sapiens small optic lobes homolog (SOLH) mRNA, complete cds//0.016:386:59//Hs.55836:U85647
 R-Y79AA1000962//EST//0.024:177:63//Hs.25214:R37079
 R-Y79AA1000968
 R-Y79AA1000969//ESTs//2.9e-70:251:98//Hs.120858:AA417181
 R-Y79AA1000976//ESTs//7.8e-56:299:95//Hs.120125:M86049
 R-Y79AA1000985
 R-Y79AA1001023//ESTs//5.7e-66:379:90//Hs.64616:W22851
 R-Y79AA1001041//ESTs//8.6e-06:54:100//Hs.8980:AA629067
 R-Y79AA1001048//ESTs//4.4e-97:461:99//Hs.7010:AA837407
 R-Y79AA1001061//ESTs//3.8e-105:493:99//Hs.128419:AI271325
 R-Y79AA1001068//Homo sapiens mRNA for KIAA0563 protein, complete cds//4.8e-53:279:83//Hs.15731:AB011135
 R-Y79AA1001077//ESTs//1.9e-51:339:87//Hs.11197:AA309047
 R-Y79AA1001078//ESTs//8.3e-98:528:92//Hs.24608:AA161260
 R-Y79AA1001105//ESTs//6.0e-77:393:96//Hs.30837:H08155
 R-Y79AA1001145//ESTs//1.7e-13:285:64//Hs.128259:AA343015
 R-Y79AA1001167
 R-Y79AA1001177//EST//1.2e-05:92:76//Hs.65277:T15884
 R-Y79AA1001185
 R-Y79AA1001211//ESTs//1.3e-70:344:97//Hs.49760:AA741051
 R-Y79AA1001216//ESTs//5.8e-63:416:88//Hs.8595:W60933
 R-Y79AA1001228//ESTs//9.3e-101:483:98//Hs.13916:AI025750

R-Y79AA1001233//EST//0.00027:232:62//Hs.132431:AA909674
R-Y79AA1001236//Homo sapiens mRNA for JM23 protein, complete coding sequence (clone IMAGE 34581 and IMAGE 45355 and LLNLc110I133Q7 (RZPD Berlin))//1.1e-110:549:95//Hs.23170:AJ005892
R-Y79AA1001281//ESTs//3.6e-98:466:99//Hs.104442:AA481271
R-Y79AA1001299//Human Inil mRNA, complete cds//9.6e-25:133:100//Hs.155626:U04847
R-Y79AA1001312//ESTs//3.4e-92:454:97//Hs.127319:AI191149
R-Y79AA1001323//ESTs//1.6e-67:422:89//Hs.118559:AA887084
R-Y79AA1001384//ESTs//3.1e-104:496:98//Hs.153692:AA604143
R-Y79AA1001391//ESTs//2.2e-77:418:94//Hs.118608:AA101819
R-Y79AA1001394//ESTs//2.1e-78:409:95//Hs.23413:AA579859
R-Y79AA1001402//EST//9.3e-08:128:75//Hs.141607:N63891
R-Y79AA1001493//ESTs, Highly similar to UBIQUITIN-CONJUGATING ENZYME E2 -17 KD 11 [Arabidopsis thaliana] //4.4e-109:553:95//Hs.106616:AI027524
R-Y79AA1001511//ESTs//4.9e-49:271:92//Hs.109045:AA523704
R-Y79AA1001533//ESTs, Moderately similar to RNA polymerase I associated factor [M.musculus] //6.2e-46:260:94//Hs.24884:AA176812
R-Y79AA1001541//EST//0.62:126:67//Hs.137020:AA868563
R-Y79AA1001548//PHOSPHATIDYLINOSITOL 4-KINASE ALPHA//3.5e-95:517:91//Hs.76987:AF012872
R-Y79AA1001555//Collagen, type XI, alpha 1//1.0:157:64//Hs.82772:J04177
R-Y79AA1001585//ESTs//1.9e-90:430:98//Hs.48333:AA704508
R-Y79AA1001594//ESTs//9.6e-23:122:100//Hs.63795:AI126237
R-Y79AA1001603//ESTs//1.0e-50:193:100//Hs.25635:AI336204
R-Y79AA1001613//ESTs, Weakly similar to zinc finger protein [H.sapiens] / /7.2e-81:400:97//Hs.13323:AA897542
R-Y79AA1001647//ESTs//6.8e-92:479:95//Hs.154270:N26486
R-Y79AA1001665//ESTs, Weakly similar to 50S RIBOSOMAL PROTEIN L20 [E.col

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R-Y79AA1001679//ESTs, Highly similar to LAMBDA-CRYSTALLIN [Oryctolagus cuniculus] //9.7e-99:553:92//Hs.108896:R54040
R-Y79AA1001692
R-Y79AA1001696//ESTs//1.4e-84:478:91//Hs.6606:AA211783
R-Y79AA1001705//ESTs//6.7e-107:546:95//Hs.106805:AA418490
R-Y79AA1001711//Human DNA sequence from clone 1119D9 on chromosome 20p12 . Contains part of a gene for a PAK1 LIKE Serine/Threonine-Protein Kinase and part of the PLCB4 gene for Phospholipase C, beta (1-Phosphatidylinositol -4,5-Bisphosphate Phosphodiesterase Beta 4). Contains ESTs, STSs and GSSs//0.0085:251:63//Hs.21864:AL031652
R-Y79AA1001781//ESTs, Weakly similar to partial CDS [C.elegans] //9.4e-87:427:97//Hs.18645:AI023798
R-Y79AA1001805//ESTs//1.1e-112:558:97//Hs.109755:AA180809
R-Y79AA1001827//ESTs, Weakly similar to Similar to S.cerevisiae YD9335.0 3c protein [H.sapiens] //8.1e-95:530:91//Hs.72444:W23217
R-Y79AA1001846//EST//2.8e-41:312:81//Hs.162236:AA551582
R-Y79AA1001848//Human adhalin (DAG2) mRNA, complete cds//0.54:221:58//Hs.99931:L34355
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R-Y79AA1001923//EST//0.19:180:58//Hs.148290:AA908404
R-Y79AA1002027//ESTs//1.6e-104:497:98//Hs.21275:N73275
R-Y79AA1002083//Homo sapiens mRNA for KIAA0563 protein, complete cds//0.69:93:73//Hs.15731:AB011135
R-Y79AA1002089//Homo sapiens PYRIN (MEFV) mRNA, complete cds//1.1e-46:392:80//Hs.113283:AF018080
R-Y79AA1002093//Homo sapiens GT198 mRNA, complete ORF//1.2e-12:80:100//H

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R-Y79AA1002211//ESTs, Weakly similar to PHOSPHATIDYLETHANOLAMINE-BINDING PROTEIN [H.sapiens] //6.5e-86:518:90//Hs.25682:AA857843

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R-Y79AA1002229//ESTs//1.9e-98:467:98//Hs.132002:AI039977

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R-Y79AA1002246//ESTs, Weakly similar to PROTEIN KINASE C, BRAIN ISOZYME [D.melanogaster] //9.0e-102:507:96//Hs.25895:AI341537

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R-Y79AA1002431//EST//6.6e-23:128:98//Hs.128417:AA975026

R-Y79AA1002433//ESTs, Highly similar to CELL DIVISION CONTROL PROTEIN 6

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<210> 14

<211> 782

<212> DNA

<213> Homo sapiens

<400> 14

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<211> 589

<212> DNA

<213> Homo sapiens

<400> 15

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<210> 16

<211> 730

<212> DNA

<213> Homo sapiens

<400> 16

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<210> 17

<211> 542

<212> DNA

<213> Homo sapiens

<400> 17

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<210> 18

<211> 751

<212> DNA

<213> Homo sapiens

<400> 18

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751

<210> 19

<211> 806

<212> DNA

<213> Homo sapiens

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<210> 20

<211> 891

<212> DNA

<213> Homo sapiens

<400> 20

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<210> 21

<211> 873

<212> DNA

<213> Homo sapiens

<400> 21

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<210> 22

<211> 779

<212> DNA

<213> Homo sapiens

<400> 22

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cacagagaag aagcattcac gcaagcaagt ttgaacgcta tttactaag aagagtgtgg 720
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<210> 23

<211> 856

<212> DNA

<213> Homo sapiens

<400> 23

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<210> 24

<211> 740

<212> DNA

<213> Homo sapiens

<400> 24

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<210> 25

<211> 794

<212> DNA

<213> Homo sapiens

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<210> 26

<211> 703

<212> DNA

<213> Homo sapiens

<400> 26

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<210> 27

<211> 685

<212> DNA

<213> Homo sapiens

<400> 27

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<210> 28

<211> 724

<212> DNA

<213> Homo sapiens

<400> 28

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<210> 29

<211> 718

<212> DNA

<213> Homo sapiens

<400> 29

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<210> 30

<211> 906

<212> DNA

<213> Homo sapiens

<400> 30

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<210> 31

<211> 698

<212> DNA

<213> Homo sapiens

<400> 31

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<210> 32

<211> 827

<212> DNA

<213> Homo sapiens

<400> 32

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<210> 33

<211> 849

<212> DNA

<213> Homo sapiens

<400> 33

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<210> 34

<211> 245

<212> DNA

<213> Homo sapiens

<400> 34

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<210> 35

<211> 820

<212> DNA

<213> Homo sapiens

<400> 35

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<210> 36

<211> 884

<212> DNA

<213> Homo sapiens

<400> 36

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<210> 37

<211> 917

<212> DNA

<213> Homo sapiens

<400> 37

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<210> 38

<211> 743

<212> DNA

<213> Homo sapiens

<400> 38

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<210> 39

<211> 707

<212> DNA

<213> Homo sapiens

<400> 39

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<210> 40

<211> 752

<212> DNA

<213> Homo sapiens

<400> 40

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<210> 41

<211> 545

<212> DNA

<213> Homo sapiens

<400> 41

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545

<210> 42

<211> 791

<212> DNA

<213> Homo sapiens

<400> 42

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<210> 43

<211> 683

<212> DNA

<213> Homo sapiens

<400> 43

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<210> 44

<211> 761

<212> DNA

<213> Homo sapiens

<400> 44

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<210> 45

<211> 757

<212> DNA

<213> Homo sapiens

<400> 45

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<210> 46

<211> 747

<212> DNA

<213> Homo sapiens

<400> 46

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<210> 47

<211> 721

<212> DNA

<213> Homo sapiens

<400> 47

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<210> 48

<211> 705

<212> DNA

<213> Homo sapiens

<400> 48

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 acaaccctg cctcctgggt tttagcgatt cttctgcctc agcctccga gtagctggga 480
 ctacaggcac ccaccacgat gccaggctaa tttttgtatt ttatttgag acagggtttc 540
 accatgttgg ccaagctggc ctcgaactct tgacttcaag tgatccacct gtctcggcct 600
 cccaaagtgc tgggattaca ggcattganc actgcacctg ggccctttta ttattcanag 660
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<210> 49

<211> 548

<212> DNA

<213> Homo sapiens

<400> 49

gtgataggat gttaaccacc atgataaaaa cttacaaaag aataaaaatc actaggaaat	60
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tagacactaa gagaggaaga aaggaaaaaa ggatatacaa aatgacaaca aaataaaaat	180
catatcaagt atcttctcag accacagtga aactagaaat taataccaag aataactttg	240
gaaactatac aaactcctgg acacatataa cttaccaaga ctgaaccaag aagaaatata	300
aaacatgaac ggaccattaa tgagtaacga gattgaatga gtaataaaaa gtccccaac	360
aaagaaaaga ccaggactgc atggcttcac agctgaattc taccaatctt taaaaagaaa	420
aaatactaac tcttctcaaa ctattccaga aacttgaagg cgggggtgtt gggagtggaa	480
tttgtccaaa ctcatcttat gaggccagaa ttacctgac accaaancca gacaaggnc	540
caactaan	548

<210> 50

<211> 680

<212> DNA

<213> Homo sapiens

<400> 50

ggacatttta tccttaaaaa aaagaaaaaa aaagaaaata ttttaatttt aaataccaat	60
ttttagagta agaaattggt ttgatagtta tctctaatag tgcaaatga gtattttttt	120
tcctttttct cttttttgaa tatcatggac tttggatgtt ttaaaatcca atattttacc	180
ctcagttaca gtcactattc attttttatt gagatataat tcagatacca taaaattcac	240
cttttaaaac atacaattca acatctaaaa atgtattcac aaagttgtgg aaccaccact	300
actatctact tccagaatat tcatcccctg cccccctgaa agaagccctg ccctcttcag	360
caatcacacc ccattactcc ttcccttcag ccgcaggcaa ccgctcacct gctagtcttg	420
tcttgcagat gtgcctgttc tggacatttc gtataaatgg aatcagacaa tatgtggcct	480
ttcatgtctg gcatctttca gcacagtgtt tcgaggttca tgcattgttg tagcattca	540
tttctaatat tccattggat ggatatacca cattttgtac atcagttgat ggatacgtgt	600

acgttttana tggaacagtt cccatggctt ttccactcaa gttaggggtt cctgggggta 660
aagccaaggt anggnaaaaa 680

<210> 51

<211> 788

<212> DNA

<213> Homo sapiens

<400> 51

ggaatctaaa atccttaaaa atactcta atgccttgagt gaccaacttt ttttttaaag 60
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gactgagtaa acaaacatta tagaaaaaa gtgaagtttt ttagttgttt tttgtggtat 180
tcaaccagca agttgttttc tttcagagtt tcctccttca aaaagttata ttgcatttac 240
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tcttcacgta tcattctgct aaaccagaat atgttcagct gtgttactaa tttttcagct 360
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atttaaactg gccaaaagca aaattatttt atgttaaaat gtgtgctaaa ctatcccagg 480
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cagagcatta tattactgga tgtttaattt acaaaatagt tgggtaaatg ttccaacaaa 600
ctttaaagta ccttgaagtc aaattgtctg tttttgtttt gttgttggtg ttggccgttt 660
tcctaagggt gttacattaa aactcctaac caagggaag ggttcittaa ggaacaattc 720
ccttaagggg gataaaagtt gaaaaaagtg gtgccttttt ttttaanggg cttgaaagtt 780
tcanaggg 788

<210> 52

<211> 718

<212> DNA

<213> Homo sapiens

<400> 52

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tgacgttcaa gagtgttaag taagcctggg caacctaggg aggcccgatc tctacagaaa 180
aaccaattag cccgacatgg tggctcccgc ctccagtccc agctactcgg gaggctgagg 240
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actccagccg gagccacagt gagtctgcct caaaaaaagt gcagtggctg gaactccacc 360
aacattaaca gagattcact ggctcttcag agaatcacag ggggtgaagac aagattcagt 420
gacagggacg gtgtcaacag cccaccgagt tgaattgggt gtcttgtgta atagccctga 480
gcctggagca tagcaggggc cagaacgacc tcaaagtaca gaggaggcct tggagcttcc 540
tgctggaggg atacatgggc tagacagagc tttggaaagc ttcctcctcc aagggccan 600
ccggaggagc aagaagatgc tggtagcctg acttagtgaa agagggacca gctcaagtat 660
ggggtgacaa gacancaanc cttttaaggg gggaaaggga ctaaggctgg ttaatgan 718

<210> 53

<211> 732

<212> DNA

<213> Homo sapiens

<400> 53

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cctacctcgg cctctcaaag tgttggagtt acaagcatgg gccaccgcac ccggcctatt 120
tataattttt tgaggaaact ttgtactttt tcccatagct gtaccatttt gcatttccac 180
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tttgagaaa catctattca agtttctagt tcatttttaa attggattat ttgctttttg 420
ctattgagtt gtttgagttc cttatctatt ttgaagctta accctatata aaatgggatt 480
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aagttgcttt tgtgttgttt cctatgacaa ttccgattag aatattaata caaacgtgaa 600
 atgcagcttt taccaacaaa tgggctaagt tttaatgaat caataaaacc atattttgag 660
 aagtttactc aaanagaacc taaaattcaa gttgaatata aagaaatggg ggttgnttgg 720
 nttttttcct tg 732

<210> 54

<211> 820

<212> DNA

<213> Homo. sapiens

<400> 54

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 caattttgcc catagagcca tttctttgtc tttgtattga agccaattca tttttttaaa 180
 tgaaggctag gccttctatg ttacaaaaat ttttattccc taaaataaac tttttaagaa 240
 acaaattcaa gaatggaaac agatgaaaaa tttttttctt ctttaaagaa cataatagtt 300
 cctgctggaa aaggaaatct aattttattt tgtgtccctt aacagtccta ggaagcacao 360
 ggagaataaa ctaaacctct aagaagggtt taaaaattat ttcaaagag tgaataattaa 420
 ctgagcagct tttgtgtgat ttgtcttggt tgtagcatta aaagcaaacc agggttttta 480
 tttatttaaa ggaacatttt tggcttgtag ttttcagtgc cattatgaat gaaaatgttt 540
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 ctttgagttt ttgctatgcc tgttttttaa gtaaacacag cttctttatc tgaacgtaac 660
 actgcagaat tgcaggaaga gaaaagggca agttagttan ttactttctt gtaagtttta 720
 gggaagantc ctaaaatcct acgaagggtga cccaggtttt tcattttaga ccaatgatag 780
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<210> 55

<211> 776

<212> DNA

<213> Homo sapiens

<400> 55

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gaaccagaat tccttctcag acataatccc agcatcccca gccagtgct tttgctcttt 120
cgcaccaggc cagataactc tgtgatcatg gacgtatgca ggaatttgta aatatttggt 180
ggatgatagt cagattgcc aatggcagaa aggtttctgg tttgtagtt tgaagaggat 240
tatagagcgg ggaacaaggt aaatatctga aggtctgcat gatagtactt cttttcctat 300
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gcactgttcc aggtgacttg tgcagttgac aaactatgac ccagcatagc aacctaggca 420
agaggagcct atataattca ttcttattcc tatittgcta tttcaacttg tttctgtttt 480
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ttctcctcac tccatatcta tgctgcttgt ctttgcatat aaagtgagt gatgctgggg 600
gcatggaaaa acaaaactat ttaagtgtgg gagaagcctg tgacttttgt agtccttttg 660
ggaatttttc acatgaccaa gggccaaata gtctganng ctctgtgccc aatcctggga 720
ataanagcaa tggggatgtt aaggaggtt aaaagggggg ccaatgggat ttaagt 776

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<210> 56

<211> 770

<212> DNA

<213> Homo sapiens

<400> 56

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atgaagcggg acctgacgga gtttaccag gtggtgcagc atgacacggc ctgtaccatc 180
gcagccacgg ccagcgtggt caaggagaag ctggctacgg aaggctcctc aggagcaaca 240
gagaagatga agaaagggtt atctgacttc ctaggggtga tctcagacac ctttgcctct 300
tcgccagaca aaaccatcga ctgcgatgtc atcaccctga tgggcacacc gtctggcaca 360

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gctgagccct atgatggcac caaggctcgc ctctatagcc tgcagtcgga cccagcaacc 420
 tactgtaatg aaccagatgg gccccggaa ttgcttgacg cctgcccaacc agagctctgg 480
 gcacagattc tgggtggctcc ctgctggccc tentgggcct ctgctcacac ctgggaaggg 540
 gctctctaaa tcccggncaa aaactctgac ttgtgccaac aataggatga cccaagggag 600
 aggaaaccta tcctcctcac cagaagaacc tgtgtttttc tgctgaacac ccactgttcc 660
 tgaggactcc tgctgggaaa tcccaaggga tagttctagc cttctgcct gtgtnaacan 720
 aagctaaacc accaagtctc tctcggggga aacctganac aacatactcc 770

<210> 57

<211> 756

<212> DNA

<213> Homo sapiens

<400> 57

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 ctccagcctg ggcaacagag tgagaccctt ggcatcatac tcagatcctt ccaactgcta 180
 ggatgaagca tacagacaag tgcccactct ggatataggt gttggtgttc tctttctggt 240
 tctatgggtc cagtctgtgt tcttttgtaa gatgtctggg caagccagac caaagtctcc 300
 tatttttact tgctgatcag ggccatgaag aaaaatattt ctaggcttca gatctctggt 360
 tacaataccc atgttatgta tgtaaaacac accttccact aaatcttgaa aattttttgt 420
 tgcaacactg gccataagga caggcaaact tgcccacaca ctcttggccc tgtttgtttc 480
 tctcagctag ccagtccac agctggagct tgcacacctg catctggatg tgcagcatca 540
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 atgtgaaatt ctctctaaag agggaattac acctgagcaa caagggtgtt ttcacaaatt 660
 gaccaggtag acaaaccaag ccangccatt ttcttgggag ctccaaggga tgattcaaaa 720
 ttactgggg ggtccccctt aannaccggg aatttg 756

<210> 58

<211> 781

<212> DNA

<213> Homo sapiens

<400> 58

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cagtatttct ticccttggt tgtgagagta actaattata taaatattac ctcaaaaata 120
catacactgg tatcacacag tctttctaca atgtttctgt attctgaaag ctaaatatta 180
agtactatth ttccattcaa atattcattt agaatttctt ttagaagatg gcagtgatta 240
taatattaat atgatttcat ttgttccagt gtttagacat gaaatcatct tccttgtctc 300
atgaaaacct aaatataaaa aaaaggaaaa tactggagtt tttatttctc ttgtctttgt 360
tacatcctct gtttattata attttagcac caacttcaca cctagctaatt tttttttcat 420
cataaagtgg atgaaatgag caagtaccta aaaattttat ttcagacaaa agtcaggagt 480
tactgctaaa aaacagacat gtaggagaca ttcaacagga gtatgaaatg agagtttagac 540
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atatataaga tattgagtgc ttgggaatcc tagcctacta aggtgaaaaa ttaagtccca 720
aatgtcagga ataacttaca ggaaaaatnn naaaatgcac aagctttaaa aatgggggca 780
a 781

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<210> 59

<211> 643

<212> DNA

<213> Homo sapiens

<400> 59

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ctttttgtga gatttgtgtt cttaagtctc atctctctga tcataagcca tgttccttca 60
caaaattccc aaatacatta aaagtgtaaa atgtgttaaa agcagacact taacataaag 120
taattcatac tcttctggca ttgcttaagt ccagtagtcc ccccgatcat tggttttgct 180

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ttcctgggtt tcagttaccc acaaccaact acagtcaaaa aataggtgag tacaggacaa 240
 taagatactt agagagagac cacatcacat aactttcata gtatatTTTT agatttactc 300
 tattttgttg ggaatctcat gttcctaatt tataaattag gtgnctaatt tataaattaa 360
 acttttagcac aacagataag tatgtatagg aaaaaaacat agtatgtata gggttctgta 420
 ttatccaaat gcccatTTca gccattcact ggggggtttt ggaacgtatc tcctgcaggT 480
 aaaggagagac tactgttctt agagacaaaa gatgataaga aatggTTTTa ggttgtattt 540
 gtggcctcta ttgaagccca aggaaatcat aaaggatttc aacttgaata cnccaaaaat 600
 gtcagggtta aatcncata agtgcacata aaaaaatgtc naa 643

<210> 60

<211> 576

<212> DNA

<213> Homo sapiens

<400> 60

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 tgatatttgt tattccaagt atccattcat aggtctgggg agaggttgTg gcaagctttc 180
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 tctgttccat atctagctta cttggttgTt ttgggggat cacatgtctg tcttccaaac 480
 tggaacgTc taactctcca ggagatgcag tagcattatt tgttgacag tggcacctac 540
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<210> 61

<211> 462

<212> DNA

<213> Homo sapiens

<400> 61

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ccgcctccc gcctcccgcc tccctccagc tgcgagtgcg gcctcggctg gcggcggcac   60
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cagctctgca agttgcctgc acagccctca caccacact gcgtgaaca cacctaccgc  180
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gctgcgtcct gcgattactt cagaggaatg tttgctgggg gattgaagga gatggaacag  360
gaataggtcc tgatccacgg tgtgtcctac aatgctatgt gccaaatcct acatttcata  420
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<210> 62

<211> 824

<212> DNA

<213> Homo sapiens

<400> 62

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agacagctgt taccaggag gtcatacaac attttttag gatgtctgaa gatgaagaaa  120
aagtgaatatt acgccgtctt gaaccagcta tccagaaatt cattaagata gtaatcccaa  180
cagacctgga aaggtttaaga aagcaccaga taaatattga gaagtatcaa aggtgcagaa  240
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tacagcctcc ttgaccaga tccatgactg ttggtggagc atttcatact actgaagctg  540
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atgctgcaga atcgtgggaa acctagaag cggacttaat tgaacttagc caactgggtca  660

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ctgacttctc tctcctagtg aattctcagc aggagaagat tgacagcatt tgcagaccat 720
gtcaacaagt gctgctgtga atgtttgaag agggaancaa anncttaagg gaaaggctgc 780
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<210> 63

<211> 730

<212> DNA

<213> Homo sapiens

<400> 63

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cagcagctac acctgggcaa ccggctgcct gtggtggtcg tgggcaacaa aagctgacct 660
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ctcaattcna 730

<210> 64

<211> 746

<212> DNA

<213> Homo sapiens

<400> 64

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tatgtgagat caaaatTTTT atactggcac tatgatgtta ttgcctttt cctcatattc	180
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aacaaaaagt tttctggatg tgggtggcaca catacctgta atcccagcta ctttggtggc	540
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atatttgaca acttggtatg tanggatgtg ctacctnaa agttccatgc tgttacctaa	720
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<210> 65

<211> 836

<212> DNA

<213> Homo sapiens

<400> 65

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tggtttagaa atattgaaca tctgatattt tctcttagtt cttatTTTat aaaaattgtg	180
ggaattatTT cctcagctat gagttcttat tagctgggtca gaaataaaac atagttagct	240
tttaatggat ctagttggaa ttaatttatc tattaagtca ctgggcccaa caaatgtca	300
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aaaggaaata ttagaaacag taggaaaaaa tgaccattgt ataagtctct gtctaataag	420
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 atgagggtaa aatcaaagtc atttgtantc ccctgctttt anaggccaat ttatttaaaa 780
 aaatacacca aaaatcaatt ggatnggagt gccctgtggg aaataacttg aaaaaa 836

<210> 66

<211> 724

<212> DNA

<213> Homo sapiens

<400> 66

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 gttatagcta agtcattatt gattaaatcc aatgaaggca gctatggctt tgggctagaa 180
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 aagagacaca tgccagtgtc attgcacacg ttacagcctg cangaagtac aggcggccaa 600
 cgaagcaaag attccataca atgggtttat aatagcattg agaagtgtc aagaagacct 660
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 agta 724

<210> 67

<211> 713

<212> DNA

<213> Homo sapiens

<400> 67

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atgacagggt cctgggcccgc gccgcctcgc cctgcctggg cggggttggg acctttctgg 60
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tccaccgtcg cctcccactg caaaaaggcc tggataagga acctaattcg agctaccctt 180
ctctgtgaag ctcgacggct gagaacgtca gggcttggtt ccaagtctct ttccagaggg 240
caggctttat gggagcatgg gttaccagcg acgcaccctg atcaagcaga gaaagagagg 300
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agcttanaaa actcagcagg actggcctct gtcctatccc acacccaac tcagtcctc 540
aagctcatct cctgtcattc ctgcccattt ctggacccca gccactcctc aaacanggtg 600
aggatcagtg tccaaggcac aatcttgaac tcatcatcgc caaatatgtg agcacttgat 660
gttggncttc caacctccan accgtaaggc agtacatttc ctgtgaaaat tan 713

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<210> 68

<211> 860

<212> DNA

<213> Homo sapiens

<400> 68

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aaaaaactag caccggcccc gcatgcactc agcctgccaa gaccacagcc ttgtaaggat 60
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ctgcttttaa tgctttatca aggataagga ggaacttcta atcatTTTTT ttgaaacttt 180
tatatgtgtt aagttttcag ggcaatagac aaagacagat aatctacagg gtaacttccc 240
aacaagatag ttctgtcttg caagtcatca gtgggcctga aacatctgta caagaagaga 300
tatctgtgga tgctatgcat gtcttcattg atgaacatgg ggaaattaga tcctgttatt 360

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taaaatctgg aaatcagaaa gaaggccctt tacagcctct accatcaaat aatgactgtc 420
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 atccgtcttc tggggaccct gccgtcagtg cccttcagca acagctgtta ctgatgggtg 540
 ctgcaggac ccagtcggaa accccacggc atgtgagtc g gatctggaa gcctcgtcat 600
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 gaagacatca agggagaatg tactggcgat ttactcaat ggcttggttt ccctccttgg 780
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 tcaagggcaa gtggcantaa 860

<210> 69

<211> 806

<212> DNA

<213> Homo sapiens

<400> 69

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 tcacagtaca ataaacagat ctattcataa atttttgtta tttataaat aaatgattac 180
 ataattttag ttatatggca atggatttct tttagttggg ttataaattt ctattataaa 240
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 ttgctatctc taaaaatgca ttatcatgtt ttgaagggat ttgctcttga atttagctcc 420
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 cccaggctgg agtgcagtg cgtgatcttg gtcactgca agctccacct cccgggttta 540
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 tggctaattt tttgtatttt tagtagagac gggctttcac catgttggcc angatggtct 660
 cgatctcctg acctcgtgat ccgcccgcct cagcctcccg gagtgttggg gattacaggc 720
 atgagccanc gcaaccgggc caaaataact tgagaaaaca gatngctctg cagtttaaag 780

gaagtataag tnccccgaac ctgaat

806

<210> 70

<211> 839

<212> DNA

<213> Homo sapiens

<400> 70

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 cgcggtgctg cgagggcaga acctggagtc cctgtcgccc aggctggagt gcaatggtgc 180
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 cttcaatgag tatttgggaa taggataagt tgtgttgac acaggccagt ggagaagttg 420
 gaacccaaac tttcctactt ggaaatgacc ttigtgtctg acagttggta aatgctaaat 480
 gaagtagaag aaaacatgta ctagacatta ttttttcccta acactgtagc gcaaataatt 540
 ggcccctgag tccgcttctc agtgtttctg actgtacttg ttaaaagtaa gacctgaaag 600
 ctccaaaggt cagtgtaaag atggagtgtt catgagaaag aaaacatggt aaccttgtga 660
 gtgcctgtaa gaaccacact gtaaagaact catcattaat gcttgaaaaa tgttattaaa 720
 gaaaggagac ttaccaagca ggacattccc taattaaaga aaccaatttg ggtacagtgg 780
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<210> 71

<211> 793

<212> DNA

<213> Homo sapiens

<400> 71

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 tttggagagg caaccaaatt ccttggactt tgtcaccagc tggctggaag aagcctcaga 180
 ggaccttatg actcagaagt ataaacacgc cctgccagtg gggggaatgg ctgctggctc 240
 tggggacatg cccaggctga gccctgttgc tgtccagaat tacgcttacc tgaagcttct 300
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 cttcagcatg gcagcgccag gaatttccag ccaggccgac tttgctgaga aactcaagat 480
 gattgtgaag attttgctaa cagatatgca cctgccctcc ttccatctga aggacgtcct 540
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 tcccgatgac cccattcgca ngatcatgga atctcgaatc ctgaccttct tagaaaccta 720
 acttgcctcc gggtcactctg aaagccaatt gccacagtc cctggggggg actcagtcca 780
 gtttaanana naa 793

<210> 72

<211> 724

<212> DNA

<213> Homo sapiens

<400> 72

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 tcagcctgtg tggccgtcta taaggatggc cgggctgggtg tggttgcaaa tgatgccggt 180
 gaccgagtta ctccagctgt tgttgcttac tcagaaaatg aagagattgt tggattggca 240
 gcaaaacaaa gtagaataag aaatatttca aatacagtaa tgaaagtaaa gcagatcctg 300
 ggcaagaagg agaaatgcgg tccttgacc tggcttctca gcttctccga aatcagatag 360
 tgactgaccc agacaactta atggaggatg ctgcttgggc caagcactgt gatcagaact 420
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aggcagctga tcacagcct atcttgaaaa cagttaaggc atcagatgag gattgtcagc 540
 taaagaatca gtgaccgat acgagaaacc agtgacctg aggactcctg ggatgaatcc 600
 tcgggtgcag ggtgctctca agggaccca gctacagcaa gctcccacaa gccttttcag 660
 angtgcaatt gctccctgtc agagcagccc atnggcaaac tggggtgtnt cccggggaag 720
 ccaa 724

<210> 73

<211> 736

<212> DNA

<213> Homo sapiens

<400> 73

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 tgggcgtggt ggctcacgtc tgtaatccca gcactttggg aggccgaggc ggggtggatca 180
 cctaaggctc agagttcgag accagcttga ccaacctgga gaaaccccat ctctacttaa 240
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 ctggggaaca agagaaactc tatctcaaaa aaaaaaaaaa aaaaaaaacc tgaaaaacat 420
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 tgggctcaag cctgtaatcc caaccctttt gggatcctga accaggtggn tcacctgagg 720
 ncanaagttc gagaca 736

<210> 74

<211> 651

<212> DNA

<213> Homo sapiens

<400> 74

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agaagtagac atacagatat acctgtcaac attttttctc attataaacc aatttcagct 180
cacatcagag ttataatttc aaagccagac atgatactgg tttaaaatga atgttatgtt 240
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gagaaattta taaatgtgat gggtattca tagnttaatg ggggcangnt a 651
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<210> 75

<211> 691

<212> DNA

<213> Homo sapiens

<400> 75

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acagagcgcc tctatgccta ccacctgtcc cgtgccgcct ggtacggagg cctggctgtg 180
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gggagtgagg ctgctcagca gcaccagaa gaagtcaggg gcctctggca gacctgcggg 480
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gagcttatgt tctctctgga gccaaggctt cgacacctcg gactggggaa ngagggaatc 540
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 aagatccggt ctgtgggcaa agcctgctct aaangcgctt cctgcggana cttcaagggtg 660
 ctgaaagtcc aacangggaa tttggccggg a 691

<210> 76

<211> 781

<212> DNA

<213> Homo sapiens

<400> 76

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 ttatacaaaa attaactcaa gatggagtaa agactttaat gtaaaatcca aaactataaa 180
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 aacagacatt tctcaaaaga agacatacac atggccaaca aacaagaaaa aaaggatcaac 540
 atcactaatc attagagaaa tgcaaatcaa aaccataatg agataccatc tcatgccagt 600
 cagaatgggtg attattaaaa agtcgagaaa caacagatgc tggcaagggt tcagagaaac 660
 acttttacac tgttggtggg aatgtaaatt agttcaacca attgtgggaa gacanggggtg 720
 gtgantcctc aaaggattta ggaactggga aatatcattt gaccagcaa tcccantact 780
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<210> 77

<211> 838

<212> DNA

<213> Homo sapiens

<400> 77

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cctcaagatg tcaactgatga ctctcctcct agcaaaaaga aaaggatgga tcatgtcnat 720
tttgatatct gcaccaagcg agaacgggat tacagaagtt cacgccaat cagcgaagat 780
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<210> 78

<211> 800

<212> DNA

<213> Homo sapiens

<400> 78

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attttaagca aagcgagaat ttattagaga gagtacactt gaaggagagc catgtgggtg 240
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<210> 79

<211> 808

<212> DNA

<213> Homo sapiens

<400> 79

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 aagtgcattt tctgcgggtg agtcctttgg cancgangtg gagctgcaat gccacatcan 720
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808

<210> 80

<211> 741

<212> DNA

<213> Homo sapiens

<400> 80

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<210> 81

<211> 889

<212> DNA

<213> Homo sapiens

<400> 81

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<210> 82

<211> 810

<212> DNA

<213> Homo sapiens

<400> 82

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gcgcaaaaaga aggcccagag aaggggagcac atgctaaaac ttgaggctga gaagaaaaag 240
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<212> DNA

<213> Homo sapiens

<400> 83

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<211> 696

<212> DNA

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<400> 84

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<211> 498

<212> DNA

<213> Homo sapiens

<400> 85

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分冊

Separate Volume

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<211> 750

<212> DNA

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<400> 86

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<211> 696

<212> DNA

<213> Homo sapiens

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<211> 660

<212> DNA

<213> Homo sapiens

<400> 88

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<210> 89

<211> 639

<212> DNA

<213> Homo sapiens

<400> 89

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<210> 90

<211> 789

<212> DNA

<213> Homo sapiens

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<210> 91

<211> 570

<212> DNA

<213> Homo sapiens

<400> 91

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<210> 92

<211> 640

<212> DNA

<213> Homo sapiens

<400> 92

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<210> 93

<211> 687

<212> DNA

<213> Homo sapiens

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<211> 597

<212> DNA

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<211> 752

<212> DNA

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<213> Homo sapiens

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<211> 681

<212> DNA

<213> Homo sapiens

<400> 97

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<210> 98

<211> 549

<212> DNA

<213> Homo sapiens

<400> 98

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<210> 99

<211> 738

<212> DNA

<213> Homo sapiens

<400> 99

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<211> 759

<212> DNA

<213> Homo sapiens

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<210> 101

<211> 579

<212> DNA

<213> Homo sapiens

<400> 101

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<210> 102

<211> 769

<212> DNA

<213> Homo sapiens

<400> 102

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ctattctaaa atagtatctt cattgtttta accctattca cctccttttc ctattgcatt 180
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gaacctacaa aaattccatc ttggaaaaca ttttagattt accttgtatt cacacacccc 360
tgcaaagtgg gtctttgcaa acaggaaagg taaaagattt atttttactg caaatcatg 420
    
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cctttatata ggattagtct gtggattatt tcaggcaaca atgagtagat ttttgaagga 480
 aacttcataa cacagttttg gagccctatc ttctgtaaca catttccaac ctttggaat 540
 aaccttgatt ttccaacttt taacctgata ccaacanaaa tggacaaaga taatatcaca 600
 tggaattatt ctgaagagcc agctgctgag aagttccagg agctgtaaat tagacaaaag 660
 catccattta tttgggagta agttacaata tggcntanct taaaaaatat ataatgattc 720
 agggaggat tttaatggaa ctttatgtgg caatttatgg gngaactaa 769

<210> 103

<211> 686

<212> DNA

<213> Homo sapiens

<400> 103

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 ttttattccc agttgtggct gaaaagcaaa gccatggcat cagtatcctt gtgcaatcgg 180
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 gaaccgcga ggcggagctt gcagtaagct gagatcgcg cactgccctc cagcctgggc 600
 aacagagcaa gactccatct caaaagataa atagataaan taaaaacca tggaaatggn 660
 ttaagaaaat ggntctgggt acacca 686

<210> 104

<211> 817

<212> DNA

<213> Homo sapiens

<400> 104

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 tcatatattt acagcatata gtttaattga gtagagtcaa attaatctta ctttagaatt 180
 tgattactaa gtattagcat ggataataat gcttcttttg cttaaatgta aaaattaggc 240
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 tcctccgaga agcacaaaga gaaggttttc cacaccgagg acgaccagta ctgctggcag 660
 caccgcttcc caacaggcta nttcagtatt tgtgataggg atatgaatgg cacctgcccc 720
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 agagatgncc taaagatgaa agccaacaan gcacgaa 817

<210> 105

<211> 773

<212> DNA

<213> Homo sapiens

<400> 105

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 ccctcttctg taacccaaat ctacagcgtgt gtccttattt tccttgtttt cagcatgtcc 180
 aagtgaagcc attaagtagg taatatactg ttagacacag atcatgggtgc ttgggaaaac 240
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ttccaaatcc taaatccctt tgattgaagt gccaaagaaa gatagctcct cattgaataa 720
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<210> 106

<211> 776

<212> DNA

<213> Homo sapiens

<400> 106

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gaaaacactt gaattttgta acaaaatgtc atttcagata tgttatagtt ggttttaact 660
gggcttcaag cagtcattaa aaaggtggtg gtcaagaact atcatccaaa nacaggaaat 720
tataaatgat ngggtgaggt aataccttta aangattaaa cctcaatgcc ggaaaa 776

<210> 107

<211> 794

<212> DNA

<213> Homo sapiens

<400> 107

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ttaacatagt ctcccaaatt taaagtttta gatgggccct caaaattttt agggcatggt 180
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tatttcttac cctcttcagt gcctgtttcc ttaatatgat aataaaccag gtactgcgat 600
cactcacctg attattggnt cttagaagg ngctttttta atggaattgg tcagtttgat 660
aattctgtcc ggagggatga ctgctggagg atctantaag ccatcttgct ctgccttctt 720
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<210> 108

<211> 717

<212> DNA

<213> Homo sapiens

<400> 108

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tttttagccc acaaaaatag catagcagca gcttatcaaa atgtcccaga caagtttact 120

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 gccatgaaat aatgtgagag tatttgtttc ccctgcaaag ggaagagggt ccagagacaa 300
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 gtttcttgca acttctgctg ggngaacaat taaggtncc gttccccctg ggggaagtgt 660
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<210> 109

<211> 836

<212> DNA

<213> Homo sapiens

<400> 109

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 ccttcctct ttactgtatg ttgttgccac tgtaggagaa atctctcctc tgcctgactc 420
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tgagtttaaa gttccaactt gcaaatgaac ttttgataa ccatcaattg ttanggggaa 780
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<210> 110

<211> 759

<212> DNA

<213> Homo sapiens

<400> 110

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tatactgaga cctcatctct acacaaaata caaaaatcag gtggttatgg tgggtgtgtgt 180
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aagggaactt gttgggaggt gctctctcct gatgcgctgt tcttgagtgc catccatgat 480
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ggagagtgcc tggcgtggct cctggttttc catggtgggt ggagggnccg ggcaaccgct 660
gatgccctgt tgggggaagg aacnggaggc cactctgcaa aagggggctc tcgcttcccc 720
aatgtcctca tntcgaataa agcaaggcaa ntccagtta 759

<210> 111

<211> 508

<212> DNA

<213> Homo sapiens

<400> 111

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 gtcggaaaac gattgcaggc gggaccgcgt ccgtcggggc tgaggaaact tagcgtggca 180
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 aagaactttt catcgttctt tccccacct ggtttgtaaa tggattttgg cttcataaaa 420
 acgtttgtcc acaggtgccc tgctccanca gttcgtccca gcantatagg aagttaccag 480
 aaaanaaatt tttttttatt gaccttgg 508

<210> 112

<211> 879

<212> DNA

<213> Homo sapiens

<400> 112

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 ctgcagcggg aatgctagct ggatttatta caacattatc attggctaaa aagaaaagcc 180
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 ttgaagcaaa tttcatacta aaaaaagttt ataataaaag tatgataaga aaatatttat 780

aaaacaganc ccccaatagc aatatactgc aatgtgtcca aattaaangg agtttcaaaa 840
agccnttcct tgtcaaatac attgacaaga accttgga 879

<210> 113

<211> 649

<212> DNA

<213> Homo sapiens

<400> 113

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cattataact aaaggaatcc cctcaattca aaagcataga tggatacaaa tgtcagaccg 120
tgggtttaat ttgttttaga cacatggcat ttcttcacaa ggtaacctgc tgtatttatt 180
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aatagggcta aataactgaa cattaaataa ttggttaaag gtgctgtagc tcgagcctca 480
atgcttgcta caaggatgta tgtacaagga ctgactttaa taatttgcac tatattgtcc 540
caaccagtag tttatttttt gccacggaga tgtanaagat attacaagct actggatgca 600
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<210> 114

<211> 709

<212> DNA

<213> Homo sapiens

<400> 114

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cctttataca tgagataata tgatgatata actgatgttt aagaacattc ttattgtaag 180
 acagtttctg ttttgccaca gcaacccaaa ggacagttaa gatatgtacc atatgacctt 240
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 cctaagtatc tggtagtggt ccccttgtag tgagcatgag attaaagttt agaacttttt 600
 aagacaattc cttttttgtg ggtgtgtact cattaatgcc tggtcgtcct ttgcaattta 660
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<210> 115

<211> 734

<212> DNA

<213> Homo sapiens

<400> 115

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 acgaggtgac ccagtccttg atcctgagaa accttgtgaa tctgnccaa tgcaagaaaa 720

ccgctaattgn ccaa

734

<210> 116

<211> 677

<212> DNA

<213> Homo sapiens

<400> 116

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 gattgatttt tancaacatg acaaaagttt gctccaatac ctgcaaaaanc accaaatttg 660
 atcttccgat naacaat 677

<210> 117

<211> 659

<212> DNA

<213> Homo sapiens

<400> 117

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gagctgaggc acgctcggca catgagttcc tgtttcatta ctgtgggcag catcttcacg 180
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<210> 118

<211> 698

<212> DNA

<213> Homo sapiens

<400> 118

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 tggggagtgc caataaatat ttgattgact aattgacagc ttgagtcaag gttctggaag 240
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 tttccaacaa ataacctaat tcagtgaat aaaaaaangg ggggtggggc aatggtgcaa 660
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<210> 119

<211> 697

<212> DNA

<213> Homo sapiens

<400> 119

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gaaacaggag gttctttcaa ccaaccaaga tctcacgtga gctcattacc acggggagtt 540
caccaagaca aggatgaagg attcgccctt atgaccaat acctccact aaggcccaac 600
tccaacactg gggatnecat ttcaacacaa ggatttggan ggganaaaca tccgaacaat 660
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<210> 120

<211> 634

<212> DNA

<213> Homo sapiens

<400> 120

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ccaggctccc tctggccaca gacttgccac ctggctagct ccctctgcct acccctagcc 180
tctgagagcc tttctgcctc ctctgatgag gcccaatccc ctagtaaatg attttattta 240

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cacagtagac aatagaggct agatgcatat tttttttctt aaaatattgg actactttta 300
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 atgtacagat taaagtttaa aaattaaact tctgaacat gagatagatt ggttcccatt 420
 caagtaatcc attcacattt tacctactgt aatgactggg aatgtgctgt aacatacttt 480
 gcanccctgg cctcccttcc tgtctcctaa aanaatggag ctgggtgttt caagtttggn 540
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 gctctctttc gaagctagtc taatgggnaca agta 634

<210> 121

<211> 740

<212> DNA

<213> Homo sapiens

<400> 121

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 tgagaacatg tcagaatgtg aaaccagcag tgtgtgtagc agcagtgaca ctgggctctt 180
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 tcgatgcctc agaaaggggc gaagaaggct ggttgggaag gagaccagca taaacacttt 480
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 tgttcttgcc gatgcttctc accgaagggtg ttcaccaagc aactgctct gccanacaag 660
 gcaaagtac actgggggac caccatgttc acgtgtcctc aagagggaagc ggaaanfaat 720
 gggcacagna tctttgtcaa 740

<210> 122

<211> 584

<212> DNA

<213> Homo sapiens

<400> 122

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ggccgaggga aacacaaccc caagcagcct ggagtaagtg gtcccgaggc agctcaagac 60
agtttggttt tttcatttc agagagacag gaattgcagg gaaaatcatg aatcagtgcc 120
tggaagggtg aagttccatt ggcagaaagg gtgggacctg tggaaggggg gttagaaggc 180
acaggtagtt gagggattct gtaggtggca gctggttgag agtgttgaat ctttgtctaa 240
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agtctgtttt tccagtcaga taatgtctgt tttacatga atgtgcgtca gttgctgcat 480
gtaaactcct aaagggagan ggtataangg agacctgtct caactcccat cctgtcatac 540
agaggcactc aattttcang gttttttggg ggttcccttg gcaa 584

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<210> 123

<211> 730

<212> DNA

<213> Homo sapiens

<400> 123

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gacaaatata gcaagtattt catttctcat aaaccaaaca agacctggca gcagggtgtc 180
tggttcgcca tcagcatcgc catcaacaat gcctacatcc tgtacaaaat gtcagacgcc 240
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ggcttgaggg atgcctctcc gacccactga tgctgggggc gcaggactcg gtcaagggag 360
gggcaagagg aggaggagag cctgccgttc caacttgccc atcagagacc cggacacggc 420

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ctgggtgtgtg gcttgctgcc tggganggat gcacagggcc tctggaggga caggatggac 480
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 gaaacagtgc cgccggtgtg atgagcactt acacccacgt tctcaagggc aaattctctc 600
 atgacatccg tggagcttgc gangcaacgt ggactgggtga ctgtgaagga aggccccntt 660
 gtaaaatgag ctggagcagc ctctaagaga gatgctgctt cctaaagatn tacagcaatc 720
 tgggacntgg 730

<210> 124

<211> 752

<212> DNA

<213> Homo sapiens

<400> 124

aatgctgctc tggtttcttg cgcgcttggc gctacaggga gtgcgggcgg cgactccttg 60
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 aaggctccgc tggcgcttgc gggttcagcgg ccgtccctga gtaagatagc cacttttctc 180
 cgacgctgcc aatagccttc tccaagtgtc gcaggctttc atcgctttgc aggagccatg 240
 cctcggggac ggaagagtcg gcgccgccgg aacgcaaagg cagctgaaga gaatcgcaac 300
 aatcgcaaga gccaggcctc agaggcttca gagaccccgga tggcggcttc tgtagccccg 360
 agcacacccg aagaatacct gagcggccccg gaggaagaca caagcacctt ggagaaggnc 420
 tccagtaccc cttcanaagc ttcgagcaact ggcctantgc aaaagccggt taccggagca 480
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 gggangcaac acaacatctt tggagattcg aanaaggctg ttacagaaga atttgtgccc 660
 aaaagggtat ctganttata agccagtgcc ccgcaacaat ccaatggagt ataagttctt 720
 ctgggggcct ccaacaanac ntgggaatcc aa 752

<210> 125

<211> 796

<212> DNA

<213> Homo sapiens

<400> 125

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ccctgtgggt taatgaatga aaagtatctg ctattatggt gtggtttcat cttatcaatt 180
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taagcctatt tgccatatct ccctgaaact ttctattaac aaagncacaa aacgcttaaa 480
caaagaaaaa ttagataata tcaatagccc atcttctaac acattgccta gctcaatact 540
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aaacttacia tgacatttca agtgggtttt ggcaatggtt ttcccaaagt anggggaacc 720
tttaccaacg gaanggtaca caagtggatt ttccgggggg gttaaaacaa gattgaacaa 780
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<210> 126

<211> 644

<212> DNA

<213> Homo sapiens

<400> 126

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cattgggtggc gctgaggtgc cggggcagca agtgacatgt cgtcgggcct ccgcgccgct 180
gacttcccc gctggaagcg ccacatctcg gagcaactga ggcgccggga ccggctgcag 240
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agacaggcgt tgcaggagat catcctgcag tataacaaat tgctggaaaa gtcagatctt 300
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 gcagaagcag caaaggaacc tctaccaant cgaacaggat gatgacattg aggtcaatgt 600
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<210> 127

<211> 505

<212> DNA

<213> Homo sapiens

<400> 127

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 agagtgggag gcttggctgg aaaggcttct ctgaatagga tgacatttga tctgtgtttt 180
 gaagggcac gttggcaagg taagttaacc aattaaagga ggttgcctca gctaaagcac 240
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 aagtatccaa cagaatttcc tacaatgatg gaaatgttct atattgtcac tgtccaatac 360
 ggtagcctct agccacattt ggccaataca actgaagaat tgaatattaa ctttcattta 420
 attctagcta atttaaattt aaatagtttc atcagttagt ggctaccata ttgaacantg 480
 caagnttaga gataaacaga ggnca 505

<210> 128

<211> 772

<212> DNA

<213> Homo sapiens

<400> 128

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 tgtctccaaa acaaacaaac aaacaaacaa acaaaaaaac cctgtagctt gggatcagcc 180
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 ccgcatgac ctccaaaact gctgggattg tagtgtgag cactgcaccc agccgtatgt 300
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 aaccacaacc ccaccctgc tccttgagg acaacgtgat cactgtattc agctctgtca 420
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 aaccctaaag ttgcaaatta agggagaata atttgggtgg aactggcaaa aagttcccc 660
 ctcaaatggt tccnggccaa nttaaaataa gtttaaaagg gttgattcaa gtggattctc 720
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<210> 129

<211> 678

<212> DNA

<213> Homo sapiens

<400> 129

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 agtgctgatt attggaatta caccttggtt cttagagtac agatgcactc ctttcttgt 120
 gatgtggagt ttctttatcc actaaagccc atctgcagag ctgagttcta aatctaagag 180
 actagtcagg agactaatgg actcagaaga aaatgttttc tacttataac actggatgga 240
 tttcttcctt atttagtgtt tattgtccct caacagatag gtaagcagca tttccctttc 300
 ttagcctcct atgctcattt ctgtgcttgg taatgtgaga aactatttta aatataatgt 360
 ggtacatacc tcttaaaact tgtttctcta gaggaacag catgtatgtg accttaagt 420
 gcaatctaag aaagcactta aatgctgaag tgattgtaaa aataataaat actcacatag 480

ttcaaagaaa tactggaaaa ggaaagccta tgaaggcgta atttaaagag ttacagttag 540
aatccaaccc tctgagatga tgaaagctaa ggtatgatca tgtctgcaac ttacttttat 600
attgttgggc cctctctccc aaaaggnaaa tatgacaaat attacnaatg tttgggctgg 660
gantacaagc atgagcca 678

<210> 130

<211> 666

<212> DNA

<213> Homo sapiens

<400> 130

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tgcctttaga aaaggaagaa acaagtcata ttgaagaact tcaatctgaa gaaactgcc 120
tatctgattt ctctactggc gaaaatgttg gaccacttgc tttaccagtt gggaaggcaa 180
ggcagttaat tggactttac accatggctc acaatcctaa tatgacccat ttgaagatta 240
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ctggcaaatc cggaatatat aaaggtggga atcaaggag aancccaaaa ggggcccttt 660
tggnan 666

<210> 131

<211> 753

<212> DNA

<213> Homo sapiens

<400> 131

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aagcctgtgt	cctctccttc	cgttctggtc	tccttcatct	cacgtttccc	cagcctccaa	120
gctcttgaag	agccgtgtca	cactgagagc	ttccctgacc	tggtctcatt	tcctctgac	180
agtgacctcc	agtgtgctgg	gttgaccaat	gccaagcctc	tttttaaacc	aaagtagttc	240
accatgggtt	gggatgatgt	caacaagcag	tattcatggt	aaaaagcaat	gagggactcc	300
ttccctggtg	cacaattttc	ttcacttggt	atctctaaac	tgttttcaaa	ttggaagact	360
gggaagcatt	gctacagccc	cagccagtct	cagccactgc	tcagcccagt	ggtggaaagc	420
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taatataat	tctttttttt	tttttttttt	gagacagagt	ctcgctctgt	caagccaaag	660
ctggactgca	gtggcgcaat	cacnggccat	tgcaacctcc	aactcctggg	gttcaaggca	720
ntcctcccaa	ccttaagnct	ccccgagtag	ccc			753

<210> 132

<211> 772

<212> DNA

<213> Homo sapiens

<400> 132

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ctaagcagca	aagcattcaa	gaggtgattt	ggatactggt	aaaggcattt	agttttataa	180
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 ttgggaacct ctacctagat ttcagatgta tggaaatgtc tagatgcca ggcaaaagtt 660
 tgctatgggg tggggccctc atagagaacc tctgctaggg cagtgtggaa agggaaatgt 720
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<210> 133

<211> 606

<212> DNA

<213> Homo sapiens

<400> 133

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 ggcgggcaga catggtggcg gccgccgccc cctcctcggc cctagcatgc cgcggccgcc 180
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 taatggaaga gcctggccag tcccgcgcgg ggccccgca gcgacagcct tggccgnggg 540
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<210> 134

<211> 843

<212> DNA

<213> Homo sapiens

<400> 134

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gtactta	ata	gtctctt	gcc	cccacct	cca	acaagaact	tt	tcctctctgt	tcaacatcag	180
aaacatt	ttt	cttttgg	cat	gtgcttt	cta	gttcccca	aaa	cagtataagc	aaattggaaa	240
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gatggct	gga	agtgatt	tca	gtctaaaa	aaa	acaatcatt	aagagagtgc	ataggggtaa	480	
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atagta	aatta	gttgtgg	tgt	tcaggct	ttta	actcactcag	taccagacag	tatagttaaa	600	
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agacaaa	caa	ttatttta	aaa	ggacgtg	cta	atggctcaag	tttatig	gcc	ctaggggtta	780
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tag										843

<210> 135

<211> 860

<212> DNA

<213> Homo sapiens

<400> 135

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agcaggaact	gtgctgctca	tttttctgtt	agtagtgtgt	acttcatgcc	aggacattgg	120	
gtattttctt	taaagtgaat	atagaatctc	aagatatacg	tagcttcac	attgacattt	180	
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cctctttaat aattttgctt tttatttttc ccctcttctt tttctgttac ttgaatttta 540
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taattcatat gttgtctcat aactttattt tttttaaatg catattcagg gaaatatatt 660
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gcatttttta atccttgata aaattttccc ttttggtgtg aaacttcaaa gaaaattgnc 780
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<210> 136

<211> 716

<212> DNA

<213> Homo sapiens

<400> 136

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<210> 137

<211> 868

<212> DNA

<213> Homo sapiens

<400> 137

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<210> 138

<211> 773

<212> DNA

<213> Homo sapiens

<400> 138

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<210> 139

<211> 710

<212> DNA

<213> Homo sapiens

<400> 139

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cgacaaacct gttgcttggg tttgggtttg ggtttggttg catttcaact ttcggaataa 660
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<210> 140

<211> 790

<212> DNA

<213> Homo sapiens

<400> 140

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<210> 141

<211> 814

<212> DNA

<213> Homo sapiens

<400> 141

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aacaacatgt	gattacttgg	ccacttttct	attcaaaaat	atggtttatt	agtcctgatt	360
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gtttgttttc	ctcagctgag	gcaagtggta	gagtatacag	gataacgaag	taacatgtaa	660
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<210> 142

<211> 727

<212> DNA

<213> Homo sapiens

<400> 142

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cagaaggaga	tgtttgagtt	cagccgtcga	gaggaagtgg	aagtcaatgg	ctttgcaaca	360
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 gagagccaag tccccacca ggtgtaggtc tcaccagtgg tagcttccgg agcctnnagg 660
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<210> 143

<211> 661

<212> DNA

<213> Homo sapiens

<400> 143

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<210> 144

<211> 775

<212> DNA

<213> Homo sapiens

<400> 144

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ttgtcactat tgagccctct tagtttatgc tagacgtgtt tttcttattg gttgatattt 180
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<210> 145

<211> 670

<212> DNA

<213> Homo sapiens

<400> 145

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ttaagaacct aggattatca tagacatccc ttctactttg aatattcttc taagtttgtg 420
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<210> 146

<211> 841

<212> DNA

<213> Homo sapiens

<400> 146

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 tgaatagcag ctgcattttg aagttgcaat aagtgtgagg aaaatgtgct tgtagctca 180
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<210> 147

<211> 764

<212> DNA

<213> Homo sapiens

<400> 147

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<210> 148

<211> 873

<212> DNA

<213> Homo sapiens

<400> 148

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<210> 149

<211> 850

<212> DNA

<213> Homo sapiens

<400> 149

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 tgatgatgag caacagtctt caccatcggc agaacagatt gattttggcc cagtccagcc 780
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<210> 150

<211> 739

<212> DNA

<213> Homo sapiens

<400> 150

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 tcttaacaat aaagtaaact agagaaaaga acatgtacca agaaaatcat aaggaagaga 180
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<210> 151

<211> 783

<212> DNA

<213> Homo sapiens

<400> 151

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<210> 152

<211> 777

<212> DNA

<213> Homo sapiens

<400> 152

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<210> 153

<211> 691

<212> DNA

<213> Homo sapiens

<400> 153

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 gtctggtgtt ttggagccag acaggccctg cagggtcaga ggaggggagg tctgcgatga 300
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 atttatcctg atgttgactc tgtggccctg tgatatctgg agatgtcttc tgaattggca 600
 gngattaaat acttcttaag ttactggttg agcatccaaa tcccaaatac ttcaggatcc 660
 caaaactttt tttttttttt tttaggcnn a 691

<210> 154

<211> 740

<212> DNA

<213> Homo sapiens

<400> 154

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tttcagaata ctgtataaaa ttaaatagaa tattgtaata gtttaagggt ttgcatatat 60
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cactgccttt gctaggagtc atttctagaa attacttaaa ataggagaca agcatcaatc 180
atagggattt cagctttaga actattggaa caaatctagg ttagacaacc agcttatatt 240
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atacagcaat caaaaggctt tagcttagtg tatcatcctt attagaaacc aagatgttgc 360
attttatttc agtgctttct gtagtcatag ctaactcttt tacctcagca atttcaatca 420
aaaagcttct ctatcattct atacataaaa tgcagacaca ttagcagtca acattatgaa 480
tgcctttaca ggtaaacaaa caaaatcact ttattactgg attttataac caattcccat 540
tcttttttgt gactattcag gagaatactg ggttgaccct aaccaaggat gcaaattgga 600
tgctatcaag gtattctgta atatggaaac tggggaaaca tgcataagtg ccaatccttt 660
gaatgggtcca cggaacact ggtggacaga ntctagtgtc gagaagaaac cccgtttggn 720
ttgganagtc catgggatgg 740

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<210> 155

<211> 761

<212> DNA

<213> Homo sapiens

<400> 155

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gaggatggca ggaggagtgc ttgcatgttg agcagtcctg agagtagctt gacaccacct 60
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gtgaaaactg aacctgcaga tatgaatgaa agctgcaaac agtcagggtc cagcagcctt 180
gttaatggaa agtccccaat tcgaagcctc atgcacaggt cggcaaggat tggaggagat 240

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ggcaacaata aagatgatga cccaaatgaa gactgggtgtg ctgtctgccca aaacggagga 300
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taaaaataaa taacagaaga atgttcaggg cagatggcct tctaaccagt gcatagtatt 480
tctataaaac agggagcctg ttattctttt ggtatttagct tccagagaaa ctaacaataa 540
aatatctaag atctaagtag tacattaatg ttaaagagta gatttcatct cctggccttt 600
agtttatatt cagtataagg aaaatagata aaactctaaa ttaatagggg gctaagggtta 660
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atcagttttt gcatctacaa gtggtanggt ttggnntanc a 761

<210> 156

<211> 737

<212> DNA

<213> Homo sapiens

<400> 156

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ccgctcccgc gcagcgctag cattctccag tccctcagtc ccttcccgcg cgggtgcgccg 180
cagccgaggc gatgcgcctc attcagaaca tgtgcacat cgccgagtag cccgcgccgg 240
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ccaggcagct ttctggggac caccggcacc gncgccatca gaactttggg gtgtttgagc 600
ctctggcaat gcctggcaca gaaaggggag ttagtgaagc tagccccctt gggaggtctt 660
gaaggtagg aagacatggg tctactggaa ggcttangtg tggnttaanc cgggcttaaa 720
aggaaggggt gggccca 737

<210> 157

<211> 680

<212> DNA

<213> Homo sapiens

<400> 157

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gacaccctct ccgcgatgac tgtgagtggc ccagggaccc ccgagccccg gccggccacc 60
cccggggcca gctcagtgga gcagctgcgg aaggagggca atgagctgtt caaatgtgga 120
gactacgggg gcgccctggc ggcctacact caggccctgg gtctggacgc gacgccccag 180
gaccaggccg ttctgcaccg gaaccgggcc gcctgccacc tcaagctgga agattacgac 240
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cccagagaca catctgcctt ctttctttcc cactgcctcg ggcctttcct tttctgcagc 420
taccctcacc tttctgagg ctgaagcacc gagccccaca ttctgtcccc ccaccttctt 480
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gctgacagcg ctctgtttg tgctcagcca ttgaaaagga tgggtgggat gtcaaagcac 600
tctaccggcg gagccaagcc ctaganaact gggccgncct gccaaagctgt cttgacctgc 660
anagatgtgt gagctttgga 680
    
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<210> 158

<211> 765

<212> DNA

<213> Homo sapiens

<400> 158

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gaagcaatat gtcggacgcc ttggccaacg ccgtgtgcca gcgctgccag gcccgcttct 120
ccccgccga gcgcattgtc aacagcaatg gggagctgta ccatgagcac tgcttcgtgt 180
    
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gtgcccagtg cttccggccc ttccccgagg ggctcttcta tgagtttgaa ggccggaagt 240
 actgcgaaca cgacttccaa atgctgtttg ctccgtgctg tggatcctgc ggtgagttca 300
 tcattggccg cgtcatcaag gccaaagtgtg agaagccatt cctggggcac cggcactatg 360
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 acaactgcag ccatgtgatt gaaggcgatg tgggtgcggc cctcaacaag gcctgggtgtg 480
 tgagctgctt ctctgtctcc acctgcaaca gcaagctcac cctgaagaac aagtttgttg 540
 agttcgacat gaagcccgtg tgtaagaggt gctacgagaa gttcccgtg gagctgaaga 600
 agcggctgaa gaagctgtcg gagctgacct cccgcaaggc ccagcccaag gccacagacc 660
 tcaactctgc tgaagccctc ttgcgcagct gcctctcggc cccttcgctt ctnccttcc 720
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<210> 159

<211> 879

<212> DNA

<213> Homo sapiens

<400> 159

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 gctgagatct aaggtgaagt ctataaagat taaagttccc ttttttctga tgttcaagtt 180
 gattgttggt cagtatggca tatatgacaa aagtatatat gagtcaaatg tggctttcta 240
 aaatggatgc aacatgtaga tccatacaag ttggggtagg atatacccaa gcgtgtatat 300
 atttgctcag catgtgaaat aataaaaata atacaaaact actcattctt caaggtagtt 360
 acagtttcaa tgccactctt cctgtcccca tattcattaa gacagaagct tgatgcttaa 420
 acacacactg gtatgaaaat gttttgtgtt ttctgttata ttgtcagaag tgacattgat 480
 ttgaaaggat gagagcctta ttttcttgca acccttactg aaaggcatga tttcaggtga 540
 aaatcttcag tgatttttaa catatgtcac atgtttgcag taaggtcagt ctttccaatc 600
 acagatagag ttatgcatct atattctacc aaatattagc aaaaccaatg caatacgtgt 660
 ctggctttgc aatataaagt aagcttgggtg attatattta agtggagtta cttgaaatan 720

gtcatttagt ttacatacag ttttaattctc atgccacaat taataaggna tcacatgact 780
gcaaaatccc tgcancaaac ttctagctct gatattggta agatacttgg ctgaagtgga 840
nataactggc tgtgctgcac ttaagctgtc tgaggtgng 879

<210> 160

<211> 779

<212> DNA

<213> Homo sapiens

<400> 160

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tgactaggag ttccacatgt ttgtgaggtc ctaactaatt ctcttaccga gatgccacct 180
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ctttgtaaag accaccagta ctaaaataac tggacactca ttgtacctcc cagcgataag 360
tatgtgtaac aggccagtgt gttgtcccca tgatcatgaa ttaggcttgg gatgcttcca 420
aatatattca aggtgttggg acaggatagg cagctgtgac tccctcaaga gtccttagaa 480
ttctaaataa aatgcagagc catcctaaga cacaggggta tggacaaggc ctggtgacac 540
caaaggtgct tgtatccaat tgaaaagggtg cctgtctcaa tttcatacca cttttattgc 600
agttaaaaaa aaatcacact ctggggacac ttggtggaat tacagagcca ccatcatcat 660
tccaaccact atttcatttt ctgnagtttt acctgtgtgc aattactccc cctncattct 720
ggtcacttc ttacttctta gtaccaaate ctctggttgg gattgagcgc tgnctctgg 779

<210> 161

<211> 691

<212> DNA

<213> Homo sapiens

<400> 161

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aggtgtgagc	caccgtgccc	agccaaaatt	cttaaagaat	aaaccaaate	ttaaacaate	120
ttccaattag	aattattttc	agccaaatta	tcattttaagt	gtgagagtaa	aataaagaca	180
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caggctagag	tgcagtgggtg	caatctcggc	tcactgcaag	ctctgcctca	ggggttcatg	300
ccattctcca	gcctcagcct	cccaagtagc	cgggactaca	ggcgcccacc	accatgcctg	360
actaatTTTT	tttctatttt	tagtagagac	agggtttcac	cgtgttagcc	aggatggctt	420
caatctcctg	acctcgtgat	ctgcctgcct	cggcctccca	aagtgttagg	attacaggtg	480
tgagccaccg	cgcccgccg	ataatgtgtt	gttttaaggc	attaattttg	tggtacatac	540
aaaagtaatt	tgtgtgtaca	tacatgcata	tatacntata	tatgtacaca	cacatatatt	600
tggtaaacct	acacacagtg	tttattttat	tatttcgata	aaactattat	tcacagctga	660
gccttgnggt	gcactggaat	agnncttttc	g			691

<210> 162

<211> 661

<212> DNA

<213> Homo sapiens

<400> 162

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ggagcttttg	agcaggactt	catttgtcct	tcctcttggc	ttctcctcat	cactacttgg	180
ccttcctcac	agactgatgg	ctaccatcca	acaaggacg	ttccaatggg	tgctgaaaag	240
ctgtgtaact	cttaagaccc	agacctcaaa	gttacacagt	gttacatttt	tccaataaaa	300
caattaaata	aaaaaattaa	ttttatggat	acataatagt	tgtgcctttt	atgcgataca	360
tgtgataaat	tctatttaga	tattttaccc	atttttaate	agatctattt	gctattgagt	420
tgtttgagtt	ccttatatat	tttgattatg	aatcttttgt	caggtgaaga	gtttgcaaatt	480
attttctccc	attttataga	ttgncttctc	actttggtaa	ttgtcactct	tacaagattc	540

aatttgttga gtttgtgaga tgagattata gtcaaattagg taaatctacc tncgtntaac 600
tactcaataa tataatttat ttattcaaaa aatggtaatt gctgggntga agatatagat 660
g 661

<210> 163

<211> 741

<212> DNA

<213> Homo sapiens

<400> 163

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ttaatctgaa gttttcaagc tctgaaattc ataatccgca gtgtcagatt acgtagagga 180
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agaattgaac ataattattt ttattgtagc tatatagcat gtcagattaa atcatttaca 300
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tgctattgta attgcttagt gcttggctaa tttccaaatt attgcataat atgttctacc 540
ttaagaaaac aggtttatgt aacaaagtaa tgggtgtgaa tggatgatgt cagttcatgg 600
gccttttagca tagttttaag catcattttt tttttttttt tttgaaagtg tgttancatc 660
ttggtactca aaggataaga ccgaccataa tacttactg aatattaata atctttacta 720
gnttacctcc tctgntcttt g 741

<210> 164

<211> 781

<212> DNA

<213> Homo sapiens

<400> 164

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aatacttcac	taactacctc	acagagttgt	ggtaagaata	taatcagata	actggataaa	180
aacactatat	aaactggaaa	gcgccgtaca	aatgtgagag	atcagtttta	ttatcaaata	240
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tcccatgtag	aggtgggaga	ggtggttgat	ggggcagttg	aagttagata	ccagcgatgt	420
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agctgagtaa	caggcattag	tctgatagat	agtgaagggg	gagaaagtgc	ccctgntgtg	720
agancacctt	ttcanggcaa	caactggctt	ggtatcacca	gcaaccctta	accctgggca	780
g						781

<210> 165

<211> 734

<212> DNA

<213> Homo sapiens

<400> 165

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aatgaatacc	tttcagtgtc	cagctgtctt	gacctctccg	cagcatttca	caccaccac	180
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tcagagaatc	cagaaaaaca	agtctctgga	ttctctcttc	ttacctctca	gccacacag	300
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ctatttcctg agtcccttcc ttttcctgaa ctcagttctc ctcattgcaa ccatgtttat 480
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 gttttacagc atccaggccg cagtctggct aaactggatt accaggctgg tgggcagctc 660
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<210> 166

<211> 738

<212> DNA

<213> Homo sapiens

<400> 166

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 aggttcctgg atgtggatgt catcatttct gggaacactc ttaaattggag actcagattt 180
 cttagccaaa atttagggag gatccagaag aaaccaaaga cgaagcatcc cagttcttgg 240
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 acctgatgcc ctcaccaagt tggaacaagg agaaccacta tggacactag aagatgaaat 480
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 atatttaggt ttaaccaacc agagcagaag atacaacaga aaggacctgc tgagtttaat 660
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 gaagtagaaa acccatca 738

<210> 167

<211> 575

<212> DNA

<213> Homo sapiens

<400> 167

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tcctttgtgc caggcccat ctggatgtcc atgccaggag agaggcaggc agacctgggc 180
ctcccaggat ggaggacgga cgaagaccac tgagcatgat gagaggggaa aagctgaaat 240
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gggaggtggg gagaggggat ccctgcaaga ggcaccaagg cacaaaaagc agcttcctgg 480
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<210> 168

<211> 868

<212> DNA

<213> Homo sapiens

<400> 168

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agccactgaa aaggttttat gtaaattaac attgtaaagc cagtttcaaa ttttattctg 180
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tgtcaacatt cactgtccat ctgggctaaa tttctactgt aaaccaaga tataaaaagg 420
gatatatgtg tactccttta ccccttttcc tttcctagca gtagcagtcc agtagagtaa 480

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tttgtaaaca taaaagcaac attaaagtat gaggaaatth gaatataaaa ctgtaagaaa 540
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 tagcagtttg ctttcagtct taagtgtctat ttcctcaggg ttccatacaa acttgacctc 660
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 tataaataat ggggtggatag aagcataata tctacatcag aagaccttgg tctatctgng 780
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 gatgntttca gaaaagaagt gtccacca 868

<210> 169

<211> 861

<212> DNA

<213> Homo sapiens

<400> 169

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 gggctcgaggc ttctcggcct agcagtgtccc tcgctgcgcg atctcaggcg ggttctctc 120
 ggctccgcgc agcccgcgcc gcgggtggggg acccggcgca gcggcacctg ctgccgaggg 180
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 ttctgtaacc aagaacacaa agtaattata gtgggactgg ataatgcagg gaaaaccacc 300
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 gttgaagaaa tagttgtgaa gaacactcat tttcttatgt gggatatttg tggtcaggag 420
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 gatagcattg acagggaacg actagctatt acaaaagaag aattatacag aatgttggt 540
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 atgaccttcc ggattgggtg gagataactt ttttgcttga aagagactgc tctatttatt 780
 ctngacatg aacatttttt tctaagnacc ctttgctgnt aagcaacaac atgtttaatt 840
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<210> 170

<211> 858

<212> DNA

<213> Homo sapiens

<400> 170

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aacagcagta aaggctactga aggagacggg cagattactg caattctgga ccagaagaac 780
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tgcnttagaa aaatccac 858

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<210> 171

<211> 692

<212> DNA

<213> Homo sapiens

<400> 171

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 atttccgtca ccagttgcat gtcctaagcc acctgtactt ctgatcaact ggctgtaaatt 180
 tgggggttccc atgacctcac ttcaggttcc ataatttgcc aggacaactc acagaactca 240
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 gcccaagatg attcttacag tgtgtgtggc ccagggaagc caaaagattg gacaccctg 480
 ttttaaagga tgcaacttag gaacagccca aaggaagtga cacacgggac gaggggtggg 540
 agtcccatg cccctgggg gagacacctt ctagtgcacc atcccaatga gttcatgacg 600
 tggaggcttc ccacatccca tttttcaaga gttttgcag cccagtcttc tggccccca 660
 ccccttccag angttgggt gtanggggtg cn 692

<210> 172

<211> 838

<212> DNA

<213> Homo sapiens

<400> 172

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 gttaactttt atagctaact agcacctgga aaaaatgtat ttgtacaact ttactattgt 180
 atatagtttt ataataatga aaaataaacc caatggccat attagaatgc aatttcgaca 240
 tacagcttat ctagatagtt ttccagagga ttttgaaatt tggcttaact gggaggataa 300
 ctgctcagca caccactgaa acataaccac tgacaccatt catttatatt aactgagatt 360
 cttgacattt ttctctccta tgccttgta ctttagcata cttgaactca cataaatgct 420
 tctttggatt acatgggcta tctgattcca ttttgatct gattgtccat cttgaattca 480
 atatggtatt catctggact attcaaaaat tatgccattt ctagtctgtg aaataagatg 540
 taaaaaatct ttatttttgc cttttggtta aaacctatgt gacaactttt aaaatgtgaa 600

gcaacatcta atatagttga ctggtatact aataggaaag tgaaagtatt tcatgggtac 660
 tttgtcacag aatgtgaaaa gaaacttggc atantggcct ttataatgag gcatccactt 720
 actcctctga agtgaagtct ggtagcttaa cttgggtata ggTTTTTgn aaggaaatct 780
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<210> 173

<211> 872

<212> DNA

<213> Homo sapiens

<400> 173

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 gcaactttac ccactagaga taacctagaa aatttctatc tttagttcaa ctgaactctc 120
 agtggtatct catagaaacc accccagtct atttatatta ttcaacacat aattttggtt 180
 agagaatttt tttttttttt taaattaggg atgggggtct tgctgtgctg ctcaggctgg 240
 tctcaaactc ctgggctaag tgattccctg actgtacctg gccaaagagaa gtttttgtgc 300
 tgtggcttac cttagcatat ttctctgctt cttctcttat atcttttggg acaatttcat 360
 gtcttccatt agttactgta aattaagcca catgtgtaaa tgaattttaa attgagtacc 420
 atattgtaac ttgcagtata ccataggatc tacccaatcc acatatctga ctcacctag 480
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 tcctgagcat taatttatag catagtatct taaaaccatg aaatggatgt ttcaaaaaat 660
 aacgtgttca caacttaagt caattattaa gcagaacttt cccttcatta gacaacctag 720
 taaatttgct ttagctttca ttatattaga aaggacactc agttgtaaat tagctgnggt 780
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<210> 174

<211> 816

<212> DNA

<213> Homo sapiens

<400> 174

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acaggccctt gcacatacat gcttttcctt ctgtacatgt gattttcttt catccccgct 180
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ctggagcgtg acatttcatt aggaacagtg aggctagttg agaaattata cctcaccagt 480
atataggaga gtaccattag gaattcttaa tgggatgaaa acctgaattc atgtctagac 540
cctgccacct gctggctgtg ctgtttttaa taaattgcag atcctctcag agcctgtttc 600
ctcatatata aaataatggg gatcctaaca gcccctcat atggtttag caggaattta 660
attaaataat atatggaaaa gcattttttt aactgnaaaa ccatacataa atatcctttg 720
ncacttttcc cagtgcata cacactgggt cattaaacat ctattgggat ggggtggatgg 780
gttggataga tggacnggac nggaattaac aggtta 816
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<210> 175

<211> 834

<212> DNA

<213> Homo sapiens

<400> 175

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accagcgact gagcggcggc cggcgcgctt agcgcctga acatgcggca gtccctgcgg 180
gcgaccccgg gctccggaca ggcggcggcg gaggcggcgg ctcgggaggg aaggaggcgg 240
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cggcgccggc ggaggtggcg gcgagacgg ccggcgcccg gcgcggagcc ctagggaggc 300
 agttcagcgc ggcctcgggc ctgcgcgaga aggatgctgt cccgaaagaa aaccaaaaac 360
 gaagtgtcca agccggccga ggtgcagggg aagtacgtga agaaggagac gtcgcctctg 420
 ctteggaatc ttatgccttc attcatccgg catgggtccaa caattccaag acgaactgat 480
 atctgtcttc cagattcaag ccctaattgcc ttttcaactt ctggagatgt agtttcaaga 540
 aaccagagtt tccttagaac tccaattcaa agaacacctc atgaaataat gagaagagaa 600
 agcaacagat tatctgcacc ttcttatctt gccagaagtc tagcagatgt ccctagagag 660
 tatggttctt ctcaatcatt tgtaacggaa agttagtttt gcttggtgaa aatggagact 720
 ctggttcccg atattattat tcaagacaat ttttttgat ggtcanaaga aagccggcca 780
 ctttgaaga tcgtgccaa tgaaagacta ccggaatttt tantgaaatt ccaa 834

<210> 176

<211> 720

<212> DNA

<213> Homo sapiens

<400> 176

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 agcggggcac tgggaagcgc catggcactg cagggcattt cggtcatgga gctgtccggc 120
 ctggccccgg gccggttctg tgctatggtc ctggctgact tcggggcgcg tgtggtacgc 180
 gtggaccggc ccggctcccg ctacgacgtg agccgcttgg gccggggcaa gcgtcgccta 240
 gtgctggacc tgaagcagcc gcggggagcc gccgtgctgc ggctgtctgt caagcggtcg 300
 gatgtgctgc tggagccctt ccgccgcggt gtcattggaga aactccagct gggcccagag 360
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 tcaaaaattg gcagaagtgg tgagaatccg tatgccccgc tgaatctcct ggctgacttt 540
 gctggtggtg gccttatgtg tgcactgggc attataatgg ctctttttga ccgcacacgc 600
 actgacaagg gtcaggtcat tgatgcaa atgggtggaag gaacagcata ttaagtctt 660
 tttctgtgga aaactcagaa aatcgantct gtgggaagca cntngaggac agaacatggt 720

<210> 177

<211> 240

<212> DNA

<213> Homo sapiens

<400> 177

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ggaatgagtc cactttaaat cctttaacga ggatccattg gagggcaagt ctggtgccag 120
cagccgcggt aattccagct ccaatagcgt atattaaagt tgctgcagtt aaaaagctcg 180
tagttggatc ttgggagcgg gcggnccngc ctcgnatacc aacatttaaa atgatggcat 240

<210> 178

<211> 809

<212> DNA

<213> Homo sapiens

<400> 178

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gtactcgcgg agctgaatgc tagcttgcta ggaatgagag taaacaatgt ttatgatgtg 120
gataataaga cataccttat tcgtcttcaa aaaccggact ttaaagctac acttttactt 180
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gtggatgaaa aacttgaaac taaagatatt gaaaaagtac ttggttctct gcagaaagcn 720
gaagactata tgaaacaaca tcaacttcag tgggaaaggg atatatcatt cagaaaagag 780
aaatannacc atgcttggga agccgataa 809

<210> 179

<211> 913

<212> DNA

<213> Homo sapiens

<400> 179

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agcagcaacc tcagtccccc cagagactct tggccgtgat cctgtgggtt cagctggcgc 180
tgtgcttcgg cctgcacag ctcacgggcg ggttcgaatga ccttcaagtgtgtgctgacc 240
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tgaagcattt taatggaacc ctaggctgga tccaagtga taattccatc tgtgtgcaag 420
aagattgccg tatccctcaa atcgaagatg ctgagattca taacaagaca tatagacatg 480
gagagaagct aatcatcact tgtcatgaag gattcaagat ccggtacccc gacctacaca 540
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accttccagg tgccaaagag agcaccacc ctgcttcgga caacccttga cataattgcc 780
cagcacggca anangagggtg gcattccacc agcccaaggc attcgacatt tgcanaatga 840
aaattccttc ttaatgggaa gaagaatccc ttaaaaatgg ggtcaaggat ccccnatgaa 900
ttnttctggt tcc 913

<210> 180

<211> 684

<212> DNA

<213> Homo sapiens

<400> 180

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aaaacgctgc gctggagcgg ggccggcggc gaggcccagg gacccaacca gagcctggcc 60
tgggagccag gatggccatc cacaaagcct tggatgatgt cctgggactg cctctcttcc 120
tggtcccagg ggccctgggc cagggccatg tcccaccagg ctgcagccaa ggcctcaacc 180
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ccctgggcct cttctgcctc gtgtttgcct gtgtggtgaa gcccgacttc tccacctgtg 420
cctctcggcg cttcctcttt ggggttctgt tcgccatctg cttctcttgt ctggcggtc 480
acgtctttgc cctcaacttc ctggcccggg agaaccacgg gcccggggc tgggtgatct 540
tcactgtggc tctgtctctg accctggtag aggtcatcat caatacagag tggctgatca 600
tcaccctggt tcggggcagt ggcgaggcg gncctcangg caacagcanc gcaggctggg 660
ccgtggcctt cccctgtgcc atcg 684

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<210> 181

<211> 785

<212> DNA

<213> Homo sapiens

<400> 181

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aatgaccata attaatattat gctctcaaaa aataagtaaa aggaagaaaa tttttttaat 60
aaataaaaag acatcaaact taaatgtgta aattggtaca gcttaagtga atttgtgatt 120
tatgtctgct gtaatttttt ttatattagg aagtttcagc tatgaaggaa attttacact 180
tcaaaaagct gttcagtggc agaaaatatg ataatgacag attagatcac aatatgctaa 240
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tcttttttaa gtgaaaaaaa aaaagaaacc tgtaattgct ttataaagat tcagtgtgct 360

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tcagcttcac tttgaatata tccacttagt ataatctaac attggttttc ttaataatgg 420
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 agaaaatatt gactgttatt taccactaaa ctcataatat gcttaggcac taaccttcaa 540
 caatacagta acatctttag atttctaccg aattgtgaat atgttattag atgaatattt 600
 acctctccat gtgtttctgg cacatatctt caaagcataa ctattatgaa taaaattata 660
 catttataac cactgtgaat agttacgtat ttaattactc agaactgtcc atgagaaata 720
 ctatagaaat tatttaccat gtggngnatt ttatataaat tcattataat tggngaaag 780
 attaa 785

<210> 182

<211> 699

<212> DNA

<213> Homo sapiens

<400> 182

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 cttgagtcaa gaactctaag tcatcttggg aataccgggt tggatgctta aagctgcagc 120
 aaaaagacca gaactttcag ggcttctcaa atttaataac tatggaatct taccagaaag 180
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 catgcccga taatttttgg taattttttg anagatgggg cttgctttgn tgnctaggct 660
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<210> 183

<211> 613

<212> DNA

<213> Homo sapiens

<400> 183

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cgagcacagn cgn 613
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<210> 184

<211> 682

<212> DNA

<213> Homo sapiens

<400> 184

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tttgacttct gatttatcta ggaactagaa cctctggttg gtgaacagtt gctccagtta 180
tgggaacgtc ttccttggg agaaaaaac acaactgatt gacactcagg ttataccatc 240
ttgactttga gtattggcag tatttgtgat cattaggaac ctttcagatt atttatcttt 300
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 aatttttata gtgattatag agaatgatta tatgatgttt gtaatgaata aaatagtagt 540
 ttcattattt ggcacaatag cagttttattt taaacaaaca atttgaagtt aaacatttca 600
 tttttaaaaa cactgaatta cagntcttat tgatgacttt ttaatgcana gnaagttgtt 660
 taagaaaggc ctgaatatat ca 682

<210> 185

<211> 858

<212> DNA

<213> Homo sapiens

<400> 185

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 tgctcttctt ccagctgtgc aacaagagca ggagttctat gagcagaaaa tcaaagagat 120
 ggccagagcat gaagactttt tgcttgcctt acagatgaat gaagaacagt atcaaaagga 180
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 ccgnatgtct ttgccgtgt ggtgccaga tgtgctacct ctgtcgagnt tctattaatg 780
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<210> 186

<211> 805

<212> DNA

<213> Homo sapiens

<400> 186

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gctaaacagt ttttcaaaac cattctgaat tatgcagtaa tatttccttc tgtaagaata 720
tgctctggtc tgtaaaccga gtattgagag aattgagaat naaaccactt cgcagatagc 780
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<210> 187

<211> 805

<212> DNA

<213> Homo sapiens

<400> 187

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ctagccttta ttctgtactt ttaatgtaca tatttctgtc ttgcgtgatt tgtatatctt 120

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actggtttaa aaaacaaaca tcgaaaggct tatgccaaat ggaagataga atataaaata 180
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<211> 866

<212> DNA

<213> Homo sapiens

<400> 188

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<211> 760

<212> DNA

<213> Homo sapiens

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<210> 190

<211> 850

<212> DNA

<213> Homo sapiens

<400> 190

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<210> 191

<211> 864

<212> DNA

<213> Homo sapiens

<400> 191

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<210> 192

<211> 706

<212> DNA

<213> Homo sapiens

<400> 192

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<212> DNA

<213> Homo sapiens

<400> 193

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<211> 826

<212> DNA

<213> Homo sapiens

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<211> 737

<212> DNA

<213> Homo sapiens

<400> 195

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<210> 196

<211> 824

<212> DNA

<213> Homo sapiens

● <400> 196

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<211> 880

<212> DNA

<213> Homo sapiens

<400> 197

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<211> 874

<212> DNA

<213> Homo sapiens

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<211> 877

<212> DNA

<213> Homo sapiens

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<211> 840

<212> DNA

<213> Homo sapiens

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<210> 201

<211> 674

<212> DNA

<213> Homo sapiens

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<211> 691

<212> DNA

<213> Homo sapiens

<400> 202

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<211> 714

<212> DNA

<213> Homo sapiens

<400> 203

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 catggcagaa gaggcagaga ggcctgggga gaaagccggc cagcacagcc ccctgcgaga 480
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 ttccaccct tccaggtgag gcttgaaagc cctccttgaa agaagggtg gggccttggg 660
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<210> 204

<211> 724

<212> DNA

<213> Homo sapiens

<400> 204

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gaatgtagac cttcaggttg gtcacaaaca gtgtctcgag attccactgg ggaagcggtc	180
acttttagaa tcaggccaag ctgagggttc tctgtcctca ggtattttcc tttgtagcag	240
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gactataaag ctttattgga acacaggcac gccattcgt tctgtattg tctatcactg	540
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cagcccttta cagaaagagt ttgctgggtc ctctcataaa gtatcctttt ttttaaagt	660
gacagagtct agctctgntg cccagctgga ntgcatggcg cnatctcgct tactgaaacc	720
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<210> 205

<211> 853

<212> DNA

<213> Homo sapiens

<400> 205

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cagtcaggtc aatgctactg agtagcctca gagagaattt cctaaacaat acaagaaaga	180
gaaagatagg tctcttttcc cttttggttc taagcatcct ttcctcactt cagggtaggg	240
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 cctcttgga ttgtagattg nattgggaac agccctgggg actagacaaa gtgctgatga 720
 tgaattccct acaaggccct gttgtgaaga agtcctttgc tgggtttaat aacacctatt 780
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<210> 206

<211> 861

<212> DNA

<213> Homo sapiens

<400> 206

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 tacatgctta cacacatgga cacacacacg tatcctttac atgcaggtat aaagaataat 180
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 tgggtgaaaca gtgaatgctt tgtgcctacg atcaggtaca aatcaaagat gtcttcattc 480
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 aagaggccta ataaatggag aacacttttg tcatggttg aagatcctat tcagattcag 780
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<210> 207

<211> 723

<212> DNA

<213> Homo sapiens

<400> 207

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gttggccagg atggtctcga tctcctgacc tcngatccg ccgctttgtc tccaaagagc 660
tgggattaca ggcgtgagac accngccct gtccggcctg gtattatcat atgantgata 720
tct 723
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<210> 208

<211> 833

<212> DNA

<213> Homo sapiens

<400> 208

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gatccaggtc tgtcttcaga aagcaaaact atctctcaat atacctcaga aacaaagatg 180
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 ttaactatit caaggatagn tttctatit tctaaggaaa gatttctatc ttttgattit 720
 ttttttacta agttgnccag taaccacctt ttaaaataat cacatttatt ttttaattit 780
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<210> 209

<211> 756

<212> DNA

<213> Homo sapiens

<400> 209

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 agcaaaacttg ttaaacatgg ctaaactgag tatcaaagga ctcattgaat ctgctctgag 180
 ctttggccgc actttggatt ctgactatcc ccccttgcag caattctttg ttgttatgga 240
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 agccctcatg cagaaaaaaa tggccgatta cttacgttgc ttaattattc agagggatct 480
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agactcacga gttggagtga ttgatttttc tatgtattta aagaatgaag aagatattgg 660
 aaataaagaa aggtatgatt ttcataagnt atttcacata ttggggtttt ttatatagct 720
 ctttacaat cattntngga tccatctatt tacaag 756

<210> 210

<211> 692

<212> DNA

<213> Homo sapiens

<400> 210

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 cgcagttccg ggctgccctg ctagaggcag gcatgccgga atgcacagag gacaagtagc 180
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 cccccggaat caccctcttt cccatgcccc tctgtcccca ctgcaaacc accgcccctt 300
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 caccacccan gnccttctta gtccttcagc gt 692

<210> 211

<211> 815

<212> DNA

<213> Homo sapiens

<400> 211

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 tggaagttcg gactgggtgg agctcaacac agtgtggcaa agtggctgca gccagactgc 180
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 cggcatgact ggtagaagaa aaagtacaaa cagaaagcag tacatcatca acataaggaa 720
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 aaacagccaa aaaccctgna aatttccaaa ancca 815

<210> 212

<211> 808

<212> DNA

<213> Homo sapiens

<400> 212

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 ttctccacct tcaaagaaaa aaagattagg tttttccag acttatgata cagaatattt 180
 aaaagttggt ttattatct gtcttgatc aaaagaaagt tcaccaaggc cacagtgtgt 240
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 gaagacaaaa cattcagaat tagaaaacaa accagtagat ttttttgaa aaaaatcttt 360
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 ccttcagata gatgagtcac cagaaatctc aaatatcaca cttctttttg gctatatctg 720
 nttcattgat tatgattggc cgngatgtaa aagaagaatt attantttgc attgaaatgc 780
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<210> 213

<211> 703

<212> DNA

<213> Homo sapiens

<400> 213

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 ctcccaaagt gttgggatta caggcgtgag cctctgtgcc agcctttttg nttttttttt 660
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<210> 214

<211> 758

<212> DNA

<213> Homo sapiens

<400> 214

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<210> 215

<211> 910

<212> DNA

<213> Homo sapiens

<400> 215

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ccaaagttag ctttgtactg tgtcccttat ctctttctac cagacccaac gcagctggct 420
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<210> 216

<211> 457

<212> DNA

<213> Homo sapiens

<400> 216

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 agattaaatt gttataatcc ggggtgggcat ggtggcttat gcctgtaatc ccagcacttt 180
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 taatcccagc tactcgggag gctgagacag aagaatcgct tgaacctggg agatgaaggt 360
 tgcagtgagc tgagatcatt ccactgcact ccagcctggg cgacagcgag actctgtctc 420
 aaaaaaaaaa ggacaaagga aaggaggggg gaggnnn 457

<210> 217

<211> 813

<212> DNA

<213> Homo sapiens

<400> 217

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<210> 218

<211> 812

<212> DNA

<213> Homo sapiens

<400> 218

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gttctttgaa atcaatgaga acaaagaaac aatgtatcag aacctctggg atgcaggtaa 180
agcagtgtta agaaggaaat ttatagcact aaatacccac ataaaaaatc tagaaagatc 240
tcgaattgac accctaacat cacaactaaa agaactagag aatgaagagc aaacaaatcc 300

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cagagctagc agaagacaag aagtaactaa gctcagagtg gaactgaagg agataagagt 360
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 tgaaatagac caccagcgag actaataaag aagaaaagag agaagatttc aaataaacac 480
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 caatacaagt cctgaaattg agcagtaata aatggcctcc aatcaaaaaa agcccagctc 720
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 aacattaaaa ngagagtant cctaccatta tg 812

<210> 219

<211> 769

<212> DNA

<213> Homo sapiens

<400> 219

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 gcaaagagat attctcttgt tttaaataaa agttaccag agtcattgga tactctcttt 420
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 agcaaaggta gaattacaac acagtttggg aaatgctaag tagagagtcc cacagtctgg 660
 atctgatgat accgattatg taactcantc atttaccctt gagtatggat tggcataact 720
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<210> 220

<211> 695

<212> DNA

<213> Homo sapiens

<400> 220

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gaatccagat aatgaaactg ttggaggatga agtatttgaa aacctggatg gagacctggg 180
taattcaact gagaagcaag aatctgtgca actggcagta agaacagcag aaaaacttct 240
taaggaacta aaacctcaga ctgttcaggg tcacgtacag cttcgcataa tggaaaacta 300
ttgcttaatg gctaccaaac agaaatctaa tgttgaacaa gcattaaata ctttactga 360
aatagcagca tctgagaagg agcatatccc agcgtcttg ggaatggcaa cggcttatat 420
gatcttgaaa cagactccac gagccagaaa ccagctgaag cgtattgcga aaatggattg 480
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tcaatcagca aaatatgaca tggcagaaga cctgttaaaa cgggtgcctgc gtcataatag 600
atcttgctgc aaagcttatg aatatatggg atacattatg gaaaaagagc aagcatattc 660
agatgctgnc ttgaactatg anatggcatg gnaat 695

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<210> 221

<211> 706

<212> DNA

<213> Homo sapiens

<400> 221

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aacaaggaggc cgcgggcggc gggcagtggt gtcccagttt cccgggtgctt ccctgaggct 60
gaggcgccccg gcctcccgcc cgccgcgctc cagatgaagt gtgagcactg cacgcgcaag 120
gaatgtagta agaaaacaaa aactgatgac caagagaatg tgtcagccga tgcaccgagt 180

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ccagcccagg aaaatggaga gaagggagaa ttccacaagt tggctgatgc caagatattt 240
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 cagcaaaatg ccaaggactt cttccgcgtt ctgaacctta acaagaaatg tgatacctca 360
 aagcacaaag tgctggtagt gtctgtgtgt cctcaatctt tgccttattt tgctgctaaa 420
 ttcaacctca gtgtaactga tgcatccaga agactctgtg gtttccctcaa aagtcttggg 480
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 gaattcgtgc gtcgctatcg ccagcacagt gaggaggaac gcaccctgcc atgctgacct 600
 ctgctgtcct ggctgggtcc gatacgccga gcgggtgctg ggctcgncca tcactgncca 660
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<210> 222

<211> 817

<212> DNA

<213> Homo sapiens

<400> 222

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 tgaacaatat aagtattgtc ctttctgttt atagacatgt ataggacacc ttcagcaggc 180
 aaggccttat cctagggcca ggaatgtgaa gatgaatgag ctaaccaagc cccacctgcg 240
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 aacctagtaa ttgtttcttt acaaattgtg gagaaactta ggacaaatga acctcaaact 420
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 attgacattc accctgtaaa atcatgatac tcttttctgc catagaacca tttcttaaact 540
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 gaggaccggg ggtgggaatc acggcagacc cagtctgtct gcaacagcgg agcctttgga 660
 ggggtgctcaa ggaaacactg gtagaaatgg anggaccaac tgaaggaaaa ttttgaattc 720
 aaaattgaag agtttggntc tgggttccca taatatgctt gataggagaa gcaacctttg 780

naactggctg ggaaatcgga atacatnttg gaggtct

817

<210> 223

<211> 747

<212> DNA

<213> Homo sapiens

<400> 223

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 gtgcaccta agtgtgacga cagcctatgg gaaaccaagg gaagggtcac ctgtagaggt 180
 ccggacattc ggttttgcct ttaagacaac tattanatcc taagcgactg tgttgtggct 240
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 nnaaatgact ttggaagtga ctctaattgtg tacacnaaca acacacaagc acacaccaca 480
 catacataca cacacgaaca catacctcca tgctgcatat acacacacag gcatacacac 540
 actctaattg gtacacacac ncacatgcac ataccacaca tacacacaca cacatgaaca 600
 catacctcca tgccacacag acacacacag gcatacacat actctaattg gtcacaacac 660
 acatgcacac accacacacg aactcncaca ttcatgccac atatacacac acggnccatac 720
 acacatgcag gcacatacac tacacan 747

<210> 224

<211> 857

<212> DNA

<213> Homo sapiens

<400> 224

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 taaatgaaac tattgcctgc aagtagttcc agaaagaagt tgacacattt caagaataac 180
 aaatgttatt aaacatgtga aattgatgaa tgagaaaata tactatttcc atactcttcc 240
 ttaaagatgt atcagtcctt aatgtatatt cctattatgg tgatattatt tatgctcagt 300
 caatcattaa catatgctta tgaaaatctt attttactta aagaggaata ctttaaataa 360
 attttattca attgccttag aatttaggcc tactcctaga caggaagaaa gatttccaag 420
 aattcacaat ctctaaaaac cattacctat atttattatt tatgctctta cataaccctc 480
 agtagcacat tatTTTTctt gtacaattga tcagatatta ttgaaatta aagtgtctgt 540
 ccctttcagt cagcgtgttt ctaaaatatg acaactaatg aaatcgcata gtaaagcta 600
 caaactaaag gctataataa gttgtaacac ttttccagaa tcacaataaa atttttctgg 660
 atatgctgnt gtgtaaggaa ttcctcagtg atatgtgcat ttgaacttca gctaatttt 720
 ctattctctc tgagtttggg aagttatttg aattccccta ctctanggt tttattttat 780
 acccttaata ttcatggttt ttgncctttc taaggtatat ttttaaccgat ttattcactc 840
 antggtgggg ttctatt 857

<210> 225

<211> 635

<212> DNA

<213> Homo sapiens

<400> 225

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 ggggagggtg gncncctgc acccctcca aacctcacca gtaacaggag actgnagcag 180
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 naggagacc agaagctgnc ggagctggac gaccgtgcag atgcactcca ngcgggggcc 300
 ttccagtttg aaacaagcgc agccaagctc aagcgcaaat actggtggaa aaacctcaag 360
 atgatgatca tcttgggagt gatttgcgcc atcatcctca tcatcatcat aggtgagtan 420
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aggtcattaa tctagtntt actcttcagc caaaaacaca tatagctgct aatggcaatt 540
ctgattcatc tagagccaaa aactttgatg ttatttance tgcattttgc ctagtcttg 600
gcagtcttgn taacatttgg aaatangaaa gctgg. 635

<210> 226

<211> 698

<212> DNA

<213> Homo sapiens

<400> 226

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agactatact cttgaattcc agttgtacat ttttgcttgc aaacacaggc atttcagagt 120
ataatgagag gaggctggtg ctcataaaga agactgactt tacagtaaac cacctcccag 180
gagaactgaa gatggggctt gagctgaggt ggggtctctt ctccactatc ccgagcagca 240
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gaaggaggct gcggcagggt gatcacttga ggccaggagt tcgagaccag cctggccaac 420
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tctcaaaaaa aagaanagaa aaaagaanag aanaaaaaag atttcttgta aaattgaaaa 660
caaaatticag actttggcta cttgaatctt ggттаатг 698

<210> 227

<211> 819

<212> DNA

<213> Homo sapiens

<400> 227

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 cttctccaaa tgctacagta caaagcccta agcatgagtg gaaaatcgtt gcttcagaaa 180
 agacttcaaa taacacttac ttgtgcctgg ctgtgctgga tggatatattc tgtgtcattt 240
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 acgcacgac tggtctggga acagcagaga tgaatggcaa actcatagct gcaggtggct 420
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 caggaatgtg tgctctgac catatggtca aaaaggactg aaaaattgtg atggatttga 720
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<210> 228

<211> 816

<212> DNA

<213> Homo sapiens

<400> 228

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 gaattaagtg gttatttggg tcataaatit tagggcatca ggttatgggt atctgatgta 120
 tttatattaa taattacagc ttaccatggg ccagtcactc ttttaaattgc cacagcaaatt 180
 ttatgaagta ggatatatta ttatcctcat ttgcacatga ggaaactgtg cacaagacg 240
 ttaaattggac tgccaaaaat cctaaagcta gtaagtgccg gtaccagtat tcaaacctag 300
 gcagtctagc tcttaaccgc tatactatat cttccattga aatggacagc tggttatttt 360
 gactaaatat cctaagatat gtttgggaagg gaattacat cactgacctc ttaaattctc 420
 tttttctgta cttccaagct gatcaactct ttttttgtga aagactcaaa ttgttgtgtt 480

gtattacatg aatcgatata tgggataatt gctaaacatt atagacctga gagtcattct 540
 atctctttta gaaatctttt tctttattcc ataatggata atgacaaatt caaaagcttt 600
 aggaagtagg cagataacat aagtgaggga gatggcttgg tataagtcaa tttgaaatgg 660
 cgagaactgt ggcaaaccac tactcactcg tcacttggct tcagctgctc tgtgcaaatt 720
 tggatccaat ggtatcagat atttaaggnc aggaatggng gcttatgcct ataatcccag 780
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<210> 229

<211> 772

<212> DNA

<213> Homo sapiens

<400> 229

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 ctgctctatg tctcctgctt ttccttggtt tgctaatacat cctccttgag ctccactggt 180
 ttcactctgg gcatccaatc cagcctttca tgggtgtgtgc ttcatacaggc ccctgggttca 240
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 tcagcttcgt ttgggagggt gcttcacttt caaagctacc cagtataatg catacaatgc 360
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 gtataaaaaat ggaatagttt ttctatttct ggactgaaac caaactcctc atatctaatt 540
 gtagttattc aacattatca gaatccctat ttattttggc agaacagaca aaaggacgtg 600
 gaatgtactt tctgctacag ccgttacagt caactagatt tgagtgctgc cgctggtaag 660
 ttaattgaat agccaagtta tgggtgcctta cccaagtaga cagtggaaag gaataatggc 720
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<210> 230

<211> 818

<212> DNA

<213> Homo sapiens

<400> 230

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cttcattttc tcagaggcag gagcaggcca gtggtttcca tactgcggt cctctaggag 180
ccacctgaga accaaaccac caatccagca tctcccacc catcatccag atcctcccga 240
tgccctctca tatgtgggtt ctgtgaccca gaagcctcca taatgaacca caggagaaca 300
ccatgggcca gccaacagtt aggcctcttca cataccaaat aaaccaccac aggaaccctt 360
aacctcatct actgcctgat ccaaacatca ctgctttgaa ctcaatggc tttcttgagc 420
ctttatgata aatacatagt gcacttttag tccctctgaa gcagattatg ttgtcacaat 480
tatgactcaa ctttaatagt ttcaaccaga aactgtttag gatccaacat acaagagagt 540
caactacatt tcataatatt agcccattta agagtatttt tcaaagtgtg ttctgtggat 600
gttaataggt gatactgttc cagaagttct gtggcaaact aatccaggac ttctcagaac 660
ctttaatata tgnttcatat acatttacat ttcangcctc tgaaaggcag aatcctcaaa 720
tttatttata catggaagct ttttttcct canagcaact tacaggacta ctttgggaaa 780
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<210> 231

<211> 899

<212> DNA

<213> Homo sapiens

<400> 231

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tgttgacacc gtgggatttg gagaccagat aaataaagat gacagctata agccgatagt 120
agaatatatt gatgcccagt tcgaggccta cctgcaagag gaattgaaga ttaaagttc 180
tctcttcaac taccatgaca cgaggatcca tgccctgctc tactttattg cccctactgg 240
    
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acattcacta aagtcctg atctggtcac catgaaaag ctggacagta aggtgaacat 300
 cattccaata attgcaaaag ctgacaccat tgccaagaat gaactgcaca aattcgagag 360
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 agaaacgggtg gcagagatta acgcaacaat gagtgtccat ctcccatttg cagtgggttg 480
 cagcaccgaa gaggtgaaga ttggcaacaa gatggcaaag gccaggcagt acccctgggg 540
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 ccgcgtgaac atggaggact tgcgagagca gactcacacc cgccactatg aattgtaccg 660
 acgctgtaag cttgaagaga tggggttcaa ggacactgac cctgacagca aacccttcag 720
 tcttcaggag acatatgaag caaaaaggaa tgaattcctg ggagaactgc agaagaaaga 780
 agaagaaatg agacaatgtt ggtatgagag tgaaggagaa agaactgact taagaggcan 840
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<210> 232

<211> 846

<212> DNA

<213> Homo sapiens

<400> 232

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 cagtttagac gtgctcttct ctgggaagtt tattcattta ctgtgtgtta gatgttgttc 180
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 tctgctctct ttgttcatga aactttttca ataattgctt tttcatttct tcctctccag 360
 tttttatcta attccaattt agtttctctc tccatgactc tgctcacact gatttttctc 420
 agacaccaac tttttttgc cgcctaatac aatcgccatg tttttcttc atgttatttg 480
 atccttttag tggcactggg cataaatgac cacacgtttc ttttcgaaac attatcatga 540
 cttttctgat gccacattct cctggctttt cttttgcccc acaggaattc ctgtagacat 600
 ccactgcctt actagatgta gggagcacct cagggccag ccctggccca ctctctctt 660

tagccctcat acttttccta agtggtagca tctgggccct tgcttgaaat gccaaatggc 720
 attaaatgcc aaaaggatat cttcagccca actttgnttt aaccccagca actggatggc 780
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 aaagtn 846

<210> 233

<211> 719

<212> DNA

<213> Homo sapiens

<400> 233

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 ccgcccagtt cttcgtcgag agcccggacg tggcttacgg ccccgaggcc atcgaggcgc 120
 aatacgagta ccggacgacg cgcgtcagcc gcgagggtgg cgttctcaag gtgcacccca 180
 cgtccacgcg cttcaccttc cggaccgccc ggcaggtgcc ccggctcggg gtcattgctt 240
 tccgctgggg cggaacaac ggctccacac tcaccgccgc ggtgctggcc aatcgactgc 300
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 aggcgggcac cgtgagcctg gccctggacg ccgagggccca ggaggtgttc gtacccttca 420
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 aactgtggcc gcacatggag gccctgcggc cccggttctt gtttacatcc ccgaattcat 600
 cgcggcaacc agagcgcgcg cgcggacaac ctnatccaag ctcgcgtgcg cagcaactgg 660
 acagatccgc agggacatcc ganactttcc ggtctancgc gggctggaca aaagtcata 719

<210> 234

<211> 772

<212> DNA

<213> Homo sapiens

<400> 234

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ggagttaggt ttcatcggtt ccctcgcaact ggaggaggca gcggccgctt cggcagcgac	180
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cggcgacgag gcacgttcgg agcgctggga gagcggacgc ggctggcgaa gctggcgagc	300
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ggaatttgat gatcttgaat gggataaacg agagtgggtt aaagtttatg aagatttttc	420
aactttcttg gtggaatacc acttaatctg ggccaaaagg aatgacccta gccagactca	480
gggatcaaag agcaaacaga ttcagtggcc tgcattgact ticaaacctc tggttgaaag	540
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aactgaagat agtgcctttc agccctacca ggacgacata gacagnctaa acccagttct	660
canggacaac ccgcacttca tgaggaantg aaagtctggg taaaggaaca aaagggtcag	720
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<210> 235

<211> 714

<212> DNA

<213> Homo sapiens

<400> 235

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atgggcataa atctccacca agtgctgccca aggcttccca ggcgaggctg ctgaaaagac	120
cctgtggagg tagagggaca atttgtcatg gatgggaatg ggcttgaggg ccgggaagca	180
gggcatgatg gggcctcatt catcattttc ccgttatccc agcggcgtgc aggggagcag	240
gtacagcacc tgccaagtga gtgaccagag ggggactggg aatggaaagg acctcaagga	300
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gcacccctgt acctagcaca ggactgagtc cagagaaagt gctcagtgat gcttggtggc 540
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 atcccacggc agagcctgcg gttgatcccg accatgaacc aaggcctggg gcgggggtgg 660
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<210> 236

<211> 636

<212> DNA

<213> Homo sapiens

<400> 236

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 gaggtgcag tcagccctga ttgctgccac tgcactccag tctgggcaac agagaagact 180
 gtctcaaac aaaaacaaca ttactcagga atgaaggaaa tgggtgaatt gagaagacgg 240
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 gataacagga tccaatcatg gacaaccagt ttgattggat ataaattttg aaagaaagtg 540
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 gtttgnccca ttgatggcaa gcanctgcng caggga 636

<210> 237

<211> 703

<212> DNA

<213> Homo sapiens

<400> 237

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<211> 791

<212> DNA

<213> Homo sapiens

<400> 238

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<211> 797

<212> DNA

<213> Homo sapiens

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<210> 240

<211> 771

<212> DNA

<213> Homo sapiens

<400> 240

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<210> 241

<211> 686

<212> DNA

<213> Homo sapiens

<400> 241

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<210> 242

<211> 726

<212> DNA

<213> Homo sapiens

<400> 242

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 gaagacgagg aggaggagga ggaggagccc gaccgggacc cggagatgga gcacgtctag 660
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<210> 243

<211> 756

<212> DNA

<213> Homo sapiens

<400> 243

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<210> 244

<211> 820

<212> DNA

<213> Homo sapiens

<400> 244

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<210> 245

<211> 763

<212> DNA

<213> Homo sapiens

<400> 245

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<210> 246

<211> 836

<212> DNA

<213> Homo sapiens

<400> 246

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agttgcaaaa gatggtatag ccgaatataa tggaaatagg aaaaattagt cgaaaataaa 180
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tatggttaag agcctgtatt gcataaagcc annttcccaa atgagganat aggaag 836
    
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<210> 247

<211> 680

<212> DNA

<213> Homo sapiens

<400> 247

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 aaggatccat ggacttgctc ttgggagcag gagagagtaa ttaaaatatt ttaagcagcn 660
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<210> 248

<211> 826

<212> DNA

<213> Homo sapiens

<400> 248

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<210> 249

<211> 779

<212> DNA

<213> Homo sapiens

<400> 249

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<210> 250

<211> 799

<212> DNA

<213> Homo sapiens

<400> 250

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<210> 251

<211> 758

<212> DNA

<213> Homo sapiens

<400> 251

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<210> 252

<211> 786

<212> DNA

<213> Homo sapiens

<400> 252

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<210> 253

<211> 805

<212> DNA

<213> Homo sapiens

<400> 253

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aagtaattta attggtgang cccattcttg caactacctc tngnactagt ggagacaact 780
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<210> 254

<211> 749

<212> DNA

<213> Homo sapiens

<400> 254

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ttattatctt gtcacttgcc aaaaatagaa ggtaacttaa aaataaatgc aatcaaacca 180

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aaacgatgcc attacattct agctagagtt gtatcataat atctcacaaa agagattgtg 240
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<210> 255

<211> 790

<212> DNA

<213> Homo sapiens

<400> 255

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cttncaaatc ctgaatattt ggctnctgaa tacatacttt ctgtgaactt gtgaaacagc 780
cagtgatatg 790

<210> 256

<211> 788

<212> DNA

<213> Homo sapiens

<400> 256

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taaaacaaga cccaagccc agagcccctg ctttccttcc agcctcttat ttctgatctc 720
aacttctcag ncatccagag ccanttggg tgctgangcc ccctttaaaa agccccagag 780
cccccccg 788

<210> 257

<211> 800

<212> DNA

<213> Homo sapiens

<400> 257

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cacagggggc ttggtgactg gagtagataa aggatctaaa gcaaataat ggaaacaggc	180
tgtagtggat gtcattgaaa agacaatgtt tctattgagt catattgttg atggttcttt	240
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ggcccagcgc cattttaata tcaacaactt ggataataac tggttaaaga tgcacttttg	360
gttctattat gccacccttt tacctggctt ccaagaact gtgggtatag cagattccaa	420
ttataattgg ttttatggtc cagaaagcca gctagttttc ttggataagt tcatcttaa	480
gaatggagct ggaaattggt tagctcagca aattagaaag caccgacctt aagatggacc	540
gatggttctt tcaactgcc aaaggtggag tactcttcac actgaataca tctggtatga	600
tccccagctc acaccacagc cacctgctga ttatggtact gcaaaaaatac acacattccc	660
taactggggt gtggttactt atggggctgg gttgccaac acacagacca acaccttgg	720
tcttttaaat ctgggaactg gggggacnag ctgtgtatga catagtcatt ttcagncata	780
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<210> 258

<211> 770

<212> DNA

<213> Homo sapiens

<400> 258

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caaggataat tctagcatat tttttctcc atgtaagtga gttgctcttg cccctgagtt	180
gggccacaat ttaaaacaca agcaaataat cagcaccgta gaaaacaagg attcatacac	240
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gatttagaag gtcaataaag ttcgttgtcc ttcagtcaag ccatggcttt ataaaagttt	360
gatttcagat aaattcattc taatacagct tttttctta aagatttttc ccccaaaaa	420

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 ggcaacgccc ctacagttaca ctgacacccat cattcacatt tggttattga ttcccttgt 660
 gctaacgact aatgccaaagc tatcctataa gcaggtncca ggtcaatttt ctttcttttg 720
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<210> 259

<211> 763

<212> DNA

<213> Homo sapiens

<400> 259

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 tgcacacttt cttcctctgt gtacgtgtgt gtggttttcc tticagaaat gggtcatact 180
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 tggcagccat ccgtgcacat gcatactgt gcgtgagttg gtcccagtgg cttgctgaga 360
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 agaatgtagg agtcttgcca gcantggctg tttggtctct ggctgttgcc gacctgatga 720
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<210> 260

<211> 707

<212> DNA

<213> Homo sapiens

<400> 260

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tgccctctca ggcttagcat ctatagaaag agataaagaa tgtgtatgca ggattgcaat 660
gcangatgcg actcaggaag gaggcangga gggatggcat ttinggag 707
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<210> 261

<211> 795

<212> DNA

<213> Homo sapiens

<400> 261

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tccttttctt ctcttgctcc agccttactt gtaattcctc agttcacacc tccatcatgt 420
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 tgggtccccc tgccttggtg ataagtcatt tgattgagca gatgggtgtga cttgcccctc 720
 ttgcttgga ngatcatctgc ccagaacttg tgaangtgca gtggcctgag ccaggctttc 780
 aagaggacaa ccggn 795

<210> 262
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 262
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 tcattgtagg taagataatt catactggag aaaacgccta catgtgtgaa caatatggca 180
 aaacttaatg ctcacacttt attgctagga aagcatttat acttgagata aattatacaa 240
 atataaagac tgtgaaaaag ccatcattat ctgctcacat ttactcaac accagagagt 300
 tcctgcttaa taaaagcatt ataagtgc 328

<210> 263
 <211> 879
 <212> DNA
 <213> Homo sapiens

<400> 263
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 cactctataa ttactttctg ttgcactgaa tgcagcaaca ataacacaat agtatttttaa 180
 ggcaactggtt tttggcatac tctaaccttg taattattta aataacagcc aagtttactc 240
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 cttttgttaa aacattacct tacctaatac ctgcataaaa gtccagattt gtagaaaatt 420
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 tcaactcacc agaattaaat tttatatctg catatttaac actattagct catataaatt 780
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<210> 264

<211> 693

<212> DNA

<213> Homo sapiens

<400> 264

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 ggggtatgaa aatcggcagt gggttcctga gtggcggcgg aggtaccggc agtagcggtg 180
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<210> 265

<211> 809

<212> DNA

<213> Homo sapiens

<400> 265

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ggcagtgtaa ttaaaatggg agaagtagag accacgaatt acttgatga attcataact 720
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<210> 266

<211> 800

<212> DNA

<213> Homo sapiens

<400> 266

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<210> 267

<211> 829

<212> DNA

<213> Homo sapiens

<400> 267

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<210> 268

<211> 847

<212> DNA

<213> Homo sapiens

<400> 268

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 accctacatc agcgagtcca cactggagag aagccctatg actgtggtga ctgtgggaag 780

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<210> 269

<211> 848

<212> DNA

<213> Homo sapiens

<400> 269

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gtaggcataa aaaggnggat atcgacctaa ctagtagcct ggganaaatg gggatttggc 840
taaactca 848

<210> 270

<211> 831

<212> DNA

<213> Homo sapiens

<400> 270

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 atcttgagtt ggaagcactg aatggcaaac attancagat ctccangcagg actttcagga 780
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<210> 271

<211> 783

<212> DNA

<213> Homo sapiens

<400> 271

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 gagggcgcgc ggggaggcga gccaccatgt tcagccagca gcagcagcag cagctccagc 180
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<210> 272

<211> 775

<212> DNA

<213> Homo sapiens

<400> 272

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 actgctttta atcatacatt attaaaaaaa atgagggttt attctttgaa ttaccctttt 180
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<210> 273

<211> 783

<212> DNA

<213> Homo sapiens

<400> 273

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aaaaagaagg acatgacctt tttaaagaca aatgaagact cattttcagt aactagagtc 180
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<210> 274

<211> 800

<212> DNA

<213> Homo sapiens

<400> 274

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caaccacactc tgctgaaatg tcgttatctc ttcaaggccc ggaggaaatg ctaccactct 180
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 tnaccagca ccagcaagat cacctaggca agcggccata ccgntgtgac atctgtggca 720
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<210> 275

<211> 865

<212> DNA

<213> Homo sapiens

<400> 275

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 gattaggttt tgttctgagt tatttctaga gaaagaaagt attttagtat gtgtaaattg 180
 tacaataatt tttttgctgt tgtactcact gctaatagtg gattgtatag ggtggtgttt 240
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<210> 276

<211> 775

<212> DNA

<213> Homo sapiens

<400> 276

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 ttattctata aaagctttct cccagcattt ctattccttt acattttgtg ccatatacaa 240
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<210> 277

<211> 891

<212> DNA

<213> Homo sapiens

<400> 277

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 aaaatttttg gatattcctg aatcacccct cctaactctc aacatgatta ctccagaagg 480
 ctggttggtt gaaacagtgc acagcaactg tgacctgat aatattcact taaaggatac 540
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 ttctgctgtg ctgaacagtt tgcagaaaac aaaattgatc ttgataaga taaataaaaa 840
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<210> 278

<211> 813

<212> DNA

<213> Homo sapiens

<400> 278

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 cactgtggct ggcatgcccc agtgttttgg ataccaatgc ataggactcc atagtaatcg 180
 aatttaccag aggcgacgt catgagcata gtgatcccat tgggggttga tacagcagag 240

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<210> 279

<211> 842

<212> DNA

<213> Homo sapiens

<400> 279

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tcgtgaataa cattcatctt cttggtatctt aagcaaattc tgcancagga ttgaatttct 780
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<210> 280

<211> 862

<212> DNA

<213> Homo sapiens

<400> 280

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<210> 281

<211> 842

<212> DNA

<213> Homo sapiens

<400> 281

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<210> 282

<211> 856

<212> DNA

<213> Homo sapiens

<400> 282

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ctgttcccc 240

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<210> 283

<211> 735

<212> DNA

<213> Homo sapiens

<400> 283

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cattgaccgg ntctg 735

<210> 284

<211> 862

<212> DNA

<213> Homo sapiens

<400> 284

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tggggattag ttgctggagg tagnttagag ccngatgcga aggctttcta aactgngctt 840
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<210> 285

<211> 839

<212> DNA

<213> Homo sapiens

<400> 285

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atatgggaga	actatggatt	tttccattac	ctaataataa	ttgggattta	ntggggtctg	780
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<210> 286

<211> 855

<212> DNA

<213> Homo sapiens

<400> 286

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<210> 287

<211> 851

<212> DNA

<213> Homo sapiens

<400> 287

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<211> 858

<212> DNA

<213> Homo sapiens

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catgttgtat actatacaac actcttacta aagtccatta gacagaaata tgtagcattt 660
gagacacctt ccaattataa aactctatgc aaacaaaaat taacaacgca gatctgagac 720
tattatatta tcctgtgaag gaaggtctgc tgtctgcaca gtggtcctag gctggctttc 780
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<210> 289

<211> 847

<212> DNA

<213> Homo sapiens

<400> 289

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<210> 290

<211> 860

<212> DNA

<213> Homo sapiens

<400> 290

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ttaatatctt ttagagagt ttcaaagaa ttgcttatgc aacacctatc ccagtattta 240
tacagaggga gaaattgatc attttcagaa agtcctttat ttaggtatgt actacacctg 300

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 tttcctatft tccagtgcag cttatccttg tacctaaagt tgagtagccc cactaggaaa 480
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<210> 291

<211> 850

<212> DNA

<213> Homo sapiens

<400> 291

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 tgtttcagtg gagagcaaaa tgaataacaa agcgggctcc tttttctgga accttagaca 300
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 accaaaccgt atcagcagta gaaaactgtc tgaggaatgt aattccctga gtgatgtgtt 720

agatgcattt tcaaaagcgc ccacatttcc tagtagcaac tatttcacag caatgtggac 780
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<210> 292

<211> 113

<212> DNA

<213> Homo sapiens

<400> 292

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<210> 293

<211> 848

<212> DNA

<213> Homo sapiens

<400> 293

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tgagttggga ttaaagtgga aaaagcactg gaagaacatt ccattttgag ggaatagcat 180
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ttatgtttta gactagaaaa gcatttcccc tcttgataaa gtttcaaact attcagtga 480
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tcgtattgag tgttgcttac tgaattgagt ttagaatcat cagttatcat aagacttgtg 600

tcattaataa aaatgcagtt tgagtgttc ttaacactag tccaaacatt tagacgtaag 660
 atcaccataa aaaaattcaa taggaataat aaatcagcat cagaggatat gagggatatg 720
 anggcctaag tgggaaatgt gtgtaccaac ttaaaacaaa gagcttgaaa atttaaaatt 780
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<210> 294

<211> 781

<212> DNA

<213> Homo sapiens

<400> 294

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 ctttttcta gaatccgtgt cttttttggg gaaatacagt ctttgagga ctagaattta 180
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 ccgctgtcac tggaatatca aagttggccc tcagactggg gcctggttcc ttggattggc 720
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<210> 295

<211> 721

<212> DNA

<213> Homo sapiens

<400> 295

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ggcaaaagaa gaaaaggctc gagaactctt cctaaaagca gtanaagaag aacaaaatgg 660
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<210> 296

<211> 847

<212> DNA

<213> Homo sapiens

<400> 296

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<210> 297

<211> 757

<212> DNA

<213> Homo sapiens

<400> 297

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757

<210> 298

<211> 742

<212> DNA

<213> Homo sapiens

<400> 298

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<210> 299

<211> 386

<212> DNA

<213> Homo sapiens

<400> 299

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<210> 300

<211> 880

<212> DNA

<213> Homo sapiens

<400> 300

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<210> 301

<211> 806

<212> DNA

<213> Homo sapiens

<400> 301

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<210> 302

<211> 882

<212> DNA

<213> Homo sapiens

<400> 302

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<210> 303

<211> 637

<212> DNA

<213> Homo sapiens

<400> 303

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 aagactgtgc ctgaaggaga ctggttttgt ccagaatgtc gaccaaagca acgttctaga 420
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 ggaggtgagg atgatgaagt tgatggcgat gaagaagaag gtcaaagtga ggaggaagag 540

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<210> 304
<211> 843
<212> DNA
<213> Homo sapiens

<400> 304
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caggcattgc ctaataaccc tgaattattc aatccttcat ttcacagaca ttgattgact 180
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aacaagatct aggactagga ttcccaaact ttgagcataa gattcccctg aagtgcccaa 780
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ttn 843

<210> 305
<211> 814
<212> DNA
<213> Homo sapiens

<400> 305

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tcagacttaa	atagaagtta	caagaatagt	acaggaggtt	tcatgtaccc	ttcacccaaa	180
ttctcaagt	gttaacattt	taccacattt	ataggttttt	ttctgataca	cttgagagta	240
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ggatattccc	ttatagaatc	atagttttat	tatcaaaatc	aggaaattta	ataattatat	360
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aatggaaaaa	aatggttttt	ctgttctggg	gcaggatcca	gcggaggctc	acgtgctgta	480
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tgtttcattt	tgttttttgt	ttcgttttgt	tttttgtctt	ttgntttttt	ttgagccagg	660
gtctcactct	gtcaccacag	ctggagtgca	atgggtcgat	ctcagttcac	tggaacctnc	720
aactnccagg	ctcaagtgat	cctcccacct	cagccttccc	aaggagctgg	gactaccagg	780
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<210> 306

<211> 834

<212> DNA

<213> Homo sapiens

<400> 306

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atagacatcc	taatactaag	caggctttct	aatgggaggc	tttaagtatg	gtgatgaaca	180
accacgttct	gactggcgta	gttatcgtag	gaatctggag	catgctgtgt	tagaattgac	240
cttgtttaaa	actgtcccat	caaaaatgga	aatccacagt	tcccccttca	aatgcagcac	300
tgaccacccc	tgcaaacact	caggccaggg	aaagattact	gagcattcct	gcgaaccaga	360

tttctgttgt ctctggatag acaagaaaca aaattcattt agtagtggag tggggaatag 420
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 ctcttttggg aagatgcac cgagtattgt ggcattctga ttatgctgcc ttcacaaaac 540
 actctaagt acctaagtgg ttatgaagca aatgcattta tggtgaaaac agtctttgct 600
 cattgctttc tcttgtttca tttagtgaac aatgatcaag atgacttgat tttttttcct 660
 tcttaacaat ggctttttta tttaaaccaa aggtgaagcc agtgtacttt ctcagtgagt 720
 tctctgcata aagactaatc agtgggacca ggtaaaaaan ggcatataat acattggggg 780
 anattgctta cttaataact tctggaaaaa tggganttaa gggaagaaac ctgg. 834

<210> 307

<211> 769

<212> DNA

<213> Homo sapiens

<400> 307

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 atcatcgggg acaacttctt tgatggcttc caagtgggtt ttgggactat gcttgtatgg 180
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 gtcattcccta ggcatcctgg agatcctgag agattagcta aggagatgct gttgaaaaga 420
 gctgcagatc tagtggaagc tctttatggc acaccacaca ataaccagga catcattttg 480
 aagcgagccg cagacattgc tgaagctctc tacagcgtcc ccaggaatcc cagccagctt 540
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 cagcttgggg tcagcatctc agagtcaaca caaggaaata atcaagggtta catccgcaac 660
 acaagcagca tctctncgcg gggatactct ttcagcttca cgccttnaac agtctaanta 720
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<210> 308

<211> 567

<212> DNA

<213> Homo sapiens

<400> 308

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caacgattta cctgaacggt tataaagtgc acgttatttc cctaagcact ttgagtatat  180
tggcccactg cattctggac ttcaaaatti ctgatgcgaa atatgctgat acttttgttg  240
aagaaatctg ggctttgagc atctgtaaga tatttgttgg aaggttttgt ctggtccttc  300
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gaagagagat cagcaacggt aactgggtgt caagaaaaca taccgagatt gaagccatcc  420
acttctgcag gaacaccgaa aagaaagctt acaatctgaa ggtgtccgtt cttacactgg  480
tcagaccact gtccttgggg cagctggggn ctttgggacc ctccaccggn ctgcccgttc  540
cgncggactt ttggctgaga tccgtgt                                     567
    
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<210> 309

<211> 748

<212> DNA

<213> Homo sapiens

<400> 309

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gtcgccgcgc ggccgccggt gagccgcatg gagccccggg cggcggacgg ctgcttcctg   60
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agcctgcagc tgcaacagct gatcgagagc ggcgcttgcg tgaaccaggt caccgtggac  180
tccatcacgc ccctgcacgc agccagtctg cagggccagg cgcggtgtgt gcagctgctg  240
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gcctgcgcct cgggcagcat cgagtgtgtg aagctcttgc tgtcctacgg ggccaaggtc  360
    
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aaccctcccc tgtacacagc gtccccctg cagcaggcca gctttccccc cctcctgagc 420
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 tggccctcag tgggcatgtt ccggtctccc aggtgacacc aacgggtccc acagagacca 600
 gcctcatctc cgtcctggct gatgccacgg ccacgtacta caacagctac agtgtgtcat 660
 agagctggag gcgccccgtc cggtaagcc ctggcgccc ttttccttct ttgtgccctt 720
 gaantggcaa naaggaaccc gtnccagg 748

<210> 310

<211> 800

<212> DNA

<213> Homo sapiens

<400> 310

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 gcaggctgaa gcagttagat ggcagggggg acggagttag aaaagagcct ctgagaaggg 180
 caggaggggc ggggaggggc ggggtggcac atggagctgc caggaacccc agaggcagct 240
 ctgttcccag agttcagaaa cctccaagaa aagctggtgg cattgtccgt tttgttgttt 300
 gcctatctgg cctttggcta ttgactggat ggcattcttg gaatcctctg aagggttga 360
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 caattggcac cttcaacaag aacccttgag cccggaagct tggtagagg aaccttcagg 720
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 catnccgtga cccagactgt 800

<210> 311

<211> 577

<212> DNA

<213> Homo sapiens

<400> 311

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aatgacgcag ggggtgtagg cattgtgata ttattcatgt tattctagaa ggatgctact 180
cctaattgtc caggggtgta caccctgtga tagtattcat aatttcccag gggctctatac 240
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tctcctaata tcacaggggg tgtacaccct gtgataatat tcttactcct ccagggggat 360
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gtactactac taatgtcaca atgcgtgtac acctgtgat attattagta atattgtggg 480
gggatgttac ccctaattgt acaggggtgt acaccngtg atattgctcc caatattgna 540
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<210> 312

<211> 766

<212> DNA

<213> Homo sapiens

<400> 312

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tggcaactac agcggcgccg gcgggcggcg cccgaaatgg agctggcccg gaatggggag 180
ggttcgaaga aaacatccag ggcggaggct cagctgtgat tgacatggag aacatggatg 240
atacctcagg ctctagcttc gaggatatgg gtgagctgca tcagcgcctg cgcgaggaag 300
aagtagacgc tgatgcagct gatgcagctg ctgctgaaga ggaggatgga gagttcctgg 360
    
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gcatgaaggg cttaagga cagctgagcc ggcagggtggc agatcagatg tggcaggctg 420
 ggaaaagaca agcctncagg gccttcagct tgtacgcaa catcgacatc ctcagaccct 480
 actttgatgt ggagcctgct cagggtcgaa gcaggctcct ggagtccatg atccctatca 540
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 tcactctggt tgctatccta ctccatggga tgaagacgtc tgacactatt atccgggagg 660
 gcaccctgat gggcacagnc attggcacct gcttcggcta ctggctggga gtctcatctt 720
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<210> 313

<211> 799

<212> DNA

<213> Homo sapiens

<400> 313

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 aatgcaacat cttggaaagt aacgttttaa caccataaaa atttgcactt attcaactga 120
 aaatttacac taaaatagac attaaactgtg cttttacatt ccaaaccatc atactaaaca 180
 taacaagtta attgccaatg ttttccttcc cctatacttt gaggtagtgc tacgtaacca 240
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 ctttatgaca tgggtaatac tctgaaatgg atgccttctt tggatatatt ttgggggttt 360
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 ctaaggaaaa taatcacttg ttttaaagga cagttcttcc aaattcccta caatgtcaga 480
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 cactctcttt tcaaaattat accgtgcccc ttctttgaaa atgagtttca ttttcgaagt 600
 caaaacaagt cctttctctt ccactggcgg gcccttctgg tccccagatt agcctgttcc 660
 aaaattggtc atgtgtctca ctgggcccc tcaattgacc cagcgtcctc accagctcct 720
 atccatctct atctgctgga aaggctttga ggtttcagat ttangacagc accactcatt 780
 catggnctct nctgcatca 799

<210> 314

<211> 828

<212> DNA

<213> Homo sapiens

<400> 314

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cccttgaagt tttgtgccag ctttcttacc taattaaaca acacttcagc agcgtggttg   60
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tggaattgaa ttaattaata tgattttgaa cagttcatgt tcaaactaac atcctgtaaa  180
gtagacactg caaggagtta ctgatgaaag aaaagttggt cataaaagaa gcctcccttt  240
ataattgact tgccttagac ttattttaata atgtttcata gtatttttta aaaagtatct  300
gaaccttgta catatttaca attatgagac atcctatcta aaaatttata ttttcgattt  360
aacatttggtg gctggcagtg ataattttta ctctctggta ctatgaatca tctcattaaa  420
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ggactcaagt gaaattgctt gtataatttt taatcaaaac tatatgctgg ccacattaac  660
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ataactttga taaaatgnta ttattttatta aatctatttt tcagaaacca aaaaacagta  780
aacatgagtc aagatgaatt aaaaggataa gccaatTTTT aaggncna                828
    
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<210> 315

<211> 807

<212> DNA

<213> Homo sapiens

<400> 315

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cgcaccgctg tgtggacaca gatgagtgcc agattgccgg tgtgtgccag cagatgtgtg  120
    
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tcaactacgt tgggtggcttc gagtggttatt gtagcgaggg acatgagctg gaggctgatg 180
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<210> 316

<211> 846

<212> DNA

<213> Homo sapiens

<400> 316

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 gtggatccca tgtagatct ggatattcaa gaattaccag ncttaccact ggaggaagag 780
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<210> 317

<211> 785

<212> DNA

<213> Homo sapiens

<400> 317

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 aataatttcc caactttttt ctccaatta aaaaagaaaa tagcatataa ttaccattct 180
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<210> 318

<211> 682

<212> DNA

<213> Homo sapiens

<400> 318

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tttgctcttt tgtaaagtgt ggttcttcta gagctgtgct atctaataatg atagccacta 180
gtcacatgta gctattttaa ttaaattaaa aatttagttc ttcagtcaaa ataaccat 240
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agctgagatc ataccacttt actccagcct gggtgaaaga gcgaaactcc atcccatctc 660
aaaaaaaaaa aaaannagaa nt 682

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<210> 319

<211> 847

<212> DNA

<213> Homo sapiens

<400> 319

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gctacctccg ccagggtac caggagatga cgaagggtga cactatccca tgggacggga 180
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aagccgagct gcagcccatg aaccgcctc gcttcgactt actggaggac atggccatga 360

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tgacgcacct gaacgaggcc tctgtgctgc acaacctgcg ccagcgctat gcccgttgga 420
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<210> 320

<211> 851

<212> DNA

<213> Homo sapiens

<400> 320

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 cacgatcttg gcttaccaca acctctgcct cctgggttca agcaattctc ctgcctcagg 180
 ctcccaagta gctgggatta caggcatgtg ccatcacacc cggctaattt ttgtattttt 240
 agtagagaca gggatatctc atgttgggtc ggctgggtct gaactcctga cctcagggtg 300
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 ggtaaacatt ttaaactcta ggctgttggg taaatttaag ggtttaagca ctgttgggtt 540
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 aaaaattact taattctcaa aaatatgttg cattctcata ttgtgttagg gaaaattcca 660
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 aaatgagaag t 851

<210> 321

<211> 722

<212> DNA

<213> Homo sapiens

<400> 321

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 taacaagact gacatgatgg aaatggcaaa atattaacaa ttatgccagg cgtaactgtt 180
 gaattgttgc tttctaacaa ttacttcagt gcccaataaa tatcttcacc agaaaactat 240
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 cgggaggctg aggcacaaga atcacatgaa ctttggaggc aaaggtagca gcaagctgag 480
 atcatgccac tgcactccag cctgcgtgac aaagttagac cttgtctcaa aaaaacacaa 540
 caaaaacccc aaaaattagc tgggtgtggt ggcacacgcc tatggtccca gctacttggg 600
 gggctgaggt ggaaggattg cttgaacca ggaggtcgag gctgcaataa gctgtgatta 660
 tgccactgna cccagcctg ggtgacaaag tgagaccctg tcttccccca aaaaaaaaaan 720
 cn 722

<210> 322

<211> 813

<212> DNA

<213> Homo sapiens

<400> 322

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cagacaagag ctcgagtggg gctaaaaaga aggacttctc cagcaaggga gccgaggata 180
atatggtaac gagctataat tgtagtttct gtgacttccg atattccaaa agccatggcc 240
ctgatgtaat tgtagtgggg ccacttctcc gtcattatca acagctccat aacattcaca 300
agtgtaccat taaacactgt ccattctgtc ccagaggact ttgcagccca gaaaagcacc 360
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agtgttcatt caccaccct gacgtagatg tactcctctt tcactatgaa agtgtgcatg 540
agtcccaagc atcggatgtc aaacaagaag caaatcacct gcaaggatcg gatgggcagc 600
agtctgtcaa ggaaagcaaa gaacactcat gtaccaaagtg tgattttatt acccaagtgg 660
aagaagagat ttcccgacac tacaggagag cacacagctg ctacaaatgc cgtcagtgca 720
gttttacagc ttgccgattc ttcagtcact actggagcac tttaacactt gttcacttgc 780
caggaaccag gacatnactn caggccaacn ggc 813

<210> 323

<211> 836

<212> DNA

<213> Homo sapiens

<400> 323

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tgcatTTTgc cttcctggaa tctttttgtc tgtctctttg catcgttgac tcttgcttat 180
ccagagatct cagcttaaat atttccttaa aggtacctt cctgagattc cagctggaat 240
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tgtatgaatg ttatgtctgt gtctcacatc acactttgaa tttcagagag agcagtggcc 360
atgtctgttt cggtcactgc tctataactc cagtgtctct cataacagtc tgggaaataa 420
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 attttgattc cagtaacaat gatgacagat tatgtaagct catttgaatg gaatatgtga 720
 cagctagctn cccaaaagaa tatttgacag gtctaaataa acatattaga aatgcttgcc 780
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<210> 324

<211> 809

<212> DNA

<213> Homo sapiens

<400> 324

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 aggttctcac tgtattgccc agaatggtct cgatctccag atgtgaagtg atctttccca 180
 cttggccgcc taaagtgtg ggattacacc gcacctggcc catgcttttc ttttaaggaag 240
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 ccatttcaga ttattttggt tttattttta attctttcag tgtatgctgt gtctgttaac 360
 ttgaagtaag gataataatt tcataccttg cttatgctct ccctttgtgg tgaaatcatt 420
 atactacttt tctttctttt gttttttctt caacttttat tttaaattcc cgggtacgtg 480
 tgcaggtttg ttacataggt aaatgtgtgc catggtgggt tgctgcacag atcaacccat 540
 cacctaggta ttaagcccag catccattag ctattcttcc tgatactctc tctccctctg 600
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 ttgataaatg caaggctggg gaacaaagtg agacccccca tctctaccaa ataaaaattt 720
 ctaaattagc catgtgtggt ggtaaacacc tgggggtccc gctgcttggg gctgangcag 780
 gangattgct tgagcccaaa gtcnaggct 809

<210> 325

<211> 844

<212> DNA

<213> Homo sapiens

<400> 325

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agtggctcca gtgcccctgc aggccaaccc gtaacaactc agtccccaag ctgaccctta   180
cctgtctgta aaagccttcc ctccaatca gcatccggtg tttataacca catcctgagc   240
caggtgtggt ttccccagaa atgtacccc cttagcatgc tctatccacc ttgatcacac   300
ccctcaccgg ctctttgacc tctcaaaac ctccctgcag aactcctcct tgtctttctc   360
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ccctggggaa tgcaggtgtt gtgccccctt ctgccctccc actggcccag cccttggatg   480
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ctgcattcat ccttctaggg gccccagtga gcacacaggt tcttcaggaa aaatgcagct   600
ccttaccctt cctcttcagc acctgttttt catagagaac cctncttcta tcttgcatgc   660
atgacagggg tcccggtggg ccatgcaccc agcttctctt tctctcctgg catgttncac   720
ctgggggttg aagaactgcc atttccatct cttcagagct ctttcccagg aacccttctt   780
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<210> 326

<211> 831

<212> DNA

<213> Homo sapiens

<400> 326

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ctgtatataa attatacctt actaaaaatt taaaatctag gaatttactg agagagcata   120

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aagtatgggtt gtaatagaga aaacaaatga ttgaaatggc ttaaattgcaa gcctttaata 180
 ttaattttga gtattttaac gcaataaaaa ccaattatga cagtgtgctc aaattggtaa 240
 acaaccaatc tgtgacttta tgaaaatata tttatgacag tcatacttgc cttactctta 300
 agtgtagtat ttgtccttaa gttgggagca ccataaatta attttaaagc aaaacatatg 360
 accctcatcc aatgttttaa atgaattgct tcctactagg aaaacaaaac atctcaggac 420
 atcaaatact tctagtaatc aagatgtttt gtttaaattt gctaattgtaa gcttcaactc 480
 tatttggttg cactttaaaa aagcatacta gaaaatgggg aatatttgaa acatgcattt 540
 ttaaaagcta ggtgttatct tactcagaag atgttaaaag cttctttata cattttattt 600
 gaaagtaatt tccaaaaaag ggatgcttgg tgggtatatg aaaagggtgc agtatcacta 660
 atcatcangg aaatacatat caaaaccata atggaatatt acctccagct ggtaggatgg 720
 cttttatcaa aaagaccaa aatnacagta ttantgagac tgtggaagaa aaagaaccct 780
 tacaccact gataggaatg natatcagta taggcttatt aaaaaccctt t 831

<210> 327

<211> 834

<212> DNA

<213> Homo sapiens

<400> 327

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 aaggactacc atgccaaata aagataaatc tttattttat gtagtgaaag caacaatgta 120
 taatcttctc tttctactt acggcttggt aaagagaccg gtaactgggt ctaatgtttt 180
 gaaatctgca tgcttaccaa tgatgtcttc atgagtttagc tgtaggctaa tggaaaaagg 240
 aagcttatca tactttttag aactttttat aattaaggctc agacctctat attattatta 300
 atattacacc tcagtatttg caattaacat tgagacatcc ttgcaacaaa ccctttggat 360
 attaacaaat attgacacac atataggaat atattaaaaa tccttattaa ggggaacacc 420
 aattagaatc accataaatg atgttttatac atttcatcaa gcaccaagag gccataaatt 480
 atttggatga gattagccac ctaaattgatt acatgaaatg accttagata ccaattttgt 540
 tgaacaagct ttccacagta cttatcattt actcatacac tattaaaagt ttgacattca 600

ggatattagc tacaactctt gggtatatgt gagagaaact caactccaac tagcaaagaa 660
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 acagctagat ccagangcta acataatggc atcaggactc tgnctctctc tttcagtcce 780
 ttgcaaggct acttcataa gcnttaatgg attgctcaaa ggcagccctg aagt 834

<210> 328

<211> 796

<212> DNA

<213> Homo sapiens

<400> 328

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 ctgggggcca atcgggacca attttgagga ggtacttggc cacgacttat tttcacctcc 120
 gacctttcct tccaggcggg gagactctgg actgagagtg gctttcaca tggaagggat 180
 cagtaatttc aagacaccaa gcaaattatc agaaaaaag aaatctgtat tatgttcaac 240
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 tcatggagac atagagtctt caaatgttgt aattaaaggc gattttgaaa caattaaaat 720
 ctgtgatgta ggagtctctn taccactgga tgaaaatttg actgggactg accctgagct 780
 tgtcattgca cananc 796

<210> 329

<211> 692

<212> DNA

<213> Homo sapiens

<400> 329

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tccgcaggtt tcccgtgttc gcagcgggagc cggaggccag ctgaaccgga ccgtgggata 120
ccgatagga ggaggagggg acccatagga cgcgttaaca tggacctgga aaacaaagtg 180
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gaagcagctg gcaaaagcag cttccttgca catgaccagg acccttcaaa gtgccatgag 660
ttgtctncca gagangtgaa ggagatggan ca 692
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<210> 330

<211> 743

<212> DNA

<213> Homo sapiens

<400> 330

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taggcagtat agcaagacct catctggaca aaaatttaaa aaattagctg ggtatggtgg 180
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gggtaacata gcgagaccct gtgttttaca aaaattttaa aattagccag gtatttttgg 480
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gaggttgaga ctgcagtgag ccatcattgt gccactgtac tctagcctgg gcaacgagcg 600
aaactccgtc tcaaaaaaca agaacaacaa caacaaaaaa aaccatatgt aagggttaact 660
cggaatggg aaaagccaag tacttaagga tcacaaagct ggttttgccc ttttgggggn 720
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<210> 331

<211> 830

<212> DNA

<213> Homo sapiens

<400> 331

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ttcacctggt gatttagcag gtgccattgt gtagatgcta agcaaatctt aatatgtttc 180
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aaataaagag ttggctagat gatctctaag gtccctttta catctatagg ttncccttggg 780
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<210> 332

<211> 891

<212> DNA

<213> Homo sapiens

<400> 332

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gattccctaa caatgtaagc agagttcctt tgtaagtca ttcacagaaa gttttcccta  180
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gtgccatctt cgtagaaggt gccttcaatt ggccaaccac ttttactggg ntaatgccta  840
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<210> 333

<211> 815

<212> DNA

<213> Homo sapiens

<400> 333

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<210> 334

<211> 801

<212> DNA

<213> Homo sapiens

<400> 334

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gtgggttttt atagtaatac tagaactctg tgagtcatac cagagcagtt gngccgnctt 780
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<210> 335

<211> 821

<212> DNA

<213> Homo sapiens

<400> 335

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<210> 336

<211> 688

<212> DNA

<213> Homo sapiens

<400> 336

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<210> 337

<211> 803

<212> DNA

<213> Homo sapiens

<400> 337

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cctctgccac ccatctactt gcattcgtct ttggcagacc tcaagataaa tatgggttaa 180
tgcctgcatg atgcctctga attcaggaat tgcagggaaa actcggggct ttgtgccagt 240
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attctgtgga ttgatttaat ggagttgtca gcatgatcat catcttctag ccaggggcat 360
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aaagaaacaa gaatgcgtga atgaggatga agaaacattt accccatgta ctcaagacat 480
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 gtggagatgg gtgaggagca gcacagagca gcagggatca tcacatgcag ncaaacttgg 720
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<210> 338

<211> 790

<212> DNA

<213> Homo sapiens

<400> 338

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 tgtttattgt aaagttttct acgttttgcc cacagtaaat gtacaacttc gcaattgtag 360
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 atgttggtta cagagttcag ttttaacaag ggaaatttgg ggattttttt ttttttactt 720
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<210> 339

<211> 832

<212> DNA

<213> Homo sapiens

<400> 339

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tccgaagctt tgttctgga ccacttaaag ctaccctcaa agaagatgta ttacagaagg 240
caaaattctt tcaagataaa aaatatctt caagagtagc aagaagtggc agagatgatg 300
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cagttcattt tctgcaaacc catcctnctt tctaattaa gtaatgncta atgctcatct 780
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<210> 340

<211> 871

<212> DNA

<213> Homo sapiens

<400> 340

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tgatgaacat tctggaattc tgaactgcag ctagecctgct gtgcaatagt acaagtggga 180
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 gtgggtgttaa gttccaccag ttattttacaa atgatgtaaa aagctttaag tgttggttaat 360
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 aacctcaaat gatccatcca ccttgcttgg ccatctaatt cacctgctct cccagtgac 480
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<210> 341

<211> 871

<212> DNA

<213> Homo sapiens

<400> 341

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 actcctgggtg tttgcctcca agaccatta atttatgtta tctcttgctc tgtagcagtt 360
 tggatttgct acacttagca aagtaatttg gtttcccaca ggttttgttc tgttttatag 420
 aagcaagaga acggttttgt gtttcagagc atgaatacat tccttcagaa atttagccag 480
 catttcagaa ggatatgaat ttttatTTTT agctattttac acctgcctga aaggttgatg 540

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tatactcttt atgtagtgac taacagaaat agatttatgt attcaaccaa ccgccaata 720
tttattaagc cactaatata tgcattgaat tatgctggat ttgggggtgac atcagattat 780
tcaacataca cttctcctgg ttcagttcct tttaacatgg tattactggg cacttacaga 840
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<210> 342

<211> 870

<212> DNA

<213> Homo sapiens

<400> 342

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actttccaca catgatcctt ctttccttta tcaccaaagg agcctntgta tggnaacatg 840
tncatggttg cttgcccattg tgtatgcctc 870

<210> 343

<211> 869

<212> DNA

<213> Homo sapiens

<400> 343

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aatagatggt ctgtgtaatt agtttcctgg gcctcctgca acaacataga aaaaaatggg 180
taacgtaaca tttattctct cacaattcca gaggccagaa gtccaaaatc aagggtgtcag 240
cagggcgatg ctctctgaag gctctagagg agaatccttc cttacctctt ccaaacttgt 300
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agttggtaac agctatgaca aaattgggta aattgatgaa catcttaaaa aaaacacagt 660
ggaagaggca ggcaactgtag agtgacaaaa tacatcttta tagaaattcc atgttaaaat 720
tattttgnng tataataatc aaatttaaat acctaataca tatattacca ttaaacagga 780
tagtcagcac tacctagttt tttaactgaa ttgtaatgg ccatatgggt atggttcttt 840
agtaatactt gaactaaang gaattgcaa 869
    
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<210> 344

<211> 861

<212> DNA

<213> Homo sapiens

<400> 344

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 atggagttaa aggaaattag atgtatcttg caattacttt gaaatctttg ggaaacctta 780
 agaagatgga tctgtttcat tttattacca catcttgtaa ttgntcatga ttcctaaaaat 840
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<210> 345

<211> 869

<212> DNA

<213> Homo sapiens

<400> 345

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 gacacttctg caaccacagc tttagaatta gtggctggag aacgactcta caatgttgta 180
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 ccagaacttc agaaagcaat ggagtttgctc tttggaacaa catttgtttg tgacaatatg 420
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 aaagtganga gactttgaaa aacactaaag aaatccaaga aaagcngaag aaaaatatga 840
 agtattggaa aataaatgaa aatgcngat 869

<210> 346

<211> 813

<212> DNA

<213> Homo sapiens

<400> 346

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 gnttatactc taaagnttta ttttgncaga ctttttacag ggtaccttta gtggttgcca 780
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<210> 347

<211> 817

<212> DNA

<213> Homo sapiens

<400> 347

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gtcctgaanc cctgtgtaca ccaaaccaaa ctgagtc 817
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<210> 348

<211> 784

<212> DNA

<213> Homo sapiens

<400> 348

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<210> 349

<211> 712

<212> DNA

<213> Homo sapiens

<400> 349

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<210> 350

<211> 844

<212> DNA

<213> Homo sapiens

<400> 350

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<210> 351

<211> 672

<212> DNA

<213> Homo sapiens

<400> 351

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<210> 352

<211> 865

<212> DNA

<213> Homo sapiens

<400> 352

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gcagatgagg cactatatgc gcttccaaac tcctgaacct gacaaccatt atgacttttg 540
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 aatggaaatt agaattctaa ttgaatattg tttgtctca gcctaaaagt tacngtcagc 720
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<210> 353

<211> 822

<212> DNA

<213> Homo sapiens

<400> 353

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 gatctttctt ctaaaacgga cacatttgaa cctcangttc atcaciaaac tggtagctgt 660
 tgcttncagc aggatgggag aagtgtagtt aatcacacct cttagtttaa tctgaaatct 720
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<210> 354

<211> 769

<212> DNA

<213> Homo sapiens

<400> 354

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cctaaccctg gaccactga aacccttcgg agggatttcc cgcaacgtca cccatcttgt 660
acttaaccat ctttaaggga tcaagattgg acttttcaag gcaaggggaa agccccaccg 720
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<210> 355

<211> 714

<212> DNA

<213> Homo sapiens

<400> 355

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 catggagtat gaaagacgtg gtggttgtgg tgacaggact ggccgctatg gagccactga 420
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 tangcggcgg cggcggcaca ggcttccccg agacggcgac tatcgggacc aggactatcg 660
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<210> 356

<211> 722

<212> DNA

<213> Homo sapiens

<400> 356

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 tcaatatccc atttttgcag cttcagaggg agacgctgtt gcggcagctg gagacgaacc 420
 agctggacat ggacgccacg ctggaggagc tgtcgggtgca gcaggagacg gaggaccaga 480
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 tgtccacggg gagcttcagc cccggcacac cccagcccgc ccacagctgn ccctnaatgc 660
 cggcccacca tnccttggtc ccctgtacca cccttagagc cctgccccaa ctgcgtgccc 720
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<210> 357

<211> 671

<212> DNA

<213> Homo sapiens

<400> 357

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ctgcaacctc cactccttg gttcaagcga ccaagtagcc tcagcctccc aagtagctgg 480
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ctnccaaagt gctgggatta taggctggag ccactgtgcc caactncttt attgctttta 660
atctctgcat a 671

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<210> 358

<211> 796

<212> DNA

<213> Homo sapiens

<400> 358

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tgggaccac caggactttt tcttttgtca gaagccttfg gttgctttgc tgctctgcat 180

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 gagaagcaaa gaagaatgtg tggcttcttt tgctttgctt ttgggtgcatt ccacacatct 720
 tcaggggacc tgggctcttg atcttggcct cttncctttt aactggtaaa tgggaacagg 780
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<210> 359

<211> 797

<212> DNA

<213> Homo sapiens

<400> 359

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 ttggccgctt ttgctatgag gatgacctgc tcaactgtgtc agctgttttc cctgaggtac 300
 agcgggacag tcagacaggc atggccaatc cctttaggga tcctttcatc aattccctca 360
 aacaccggtt gctggtatat ttgtggcgcc gggcagaaca ggatggtagt gcaatggcca 420
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 ttctggatga aaaccacctg tttatcaagt aactagtga ggatgtagta aactgcgag 540
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tttttcgtaa tgctaccctg cacaagtgaag agttcaattt cctgctcag cttctagcaa 720
 caattttgca aggcagatcc agcgccngnt caaagaccta ttataaatgc caagttggag 780
 ggcacacaga gcantac 797

<210> 360

<211> 850

<212> DNA

<213> Homo sapiens

<400> 360

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 gtggtangct gaaaaacacc ctggaaaaga tatncatggc ctaatcctgg accattgaat 780
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<210> 361

<211> 770

<212> DNA

<213> Homo sapiens

<400> 361

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ggctcccact tccctttttc atttcttacc acactccttg gcctctgcac tagaggctca 360
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aaagtgtga gattacaggc atgagccacc gtgcccggcc agctcaatga atttgtaaa 660
gcaatcatgg tcatgtagct accactcaat taaaaagta ctggccaggc gtggtgattc 720
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<210> 362

<211> 654

<212> DNA

<213> Homo sapiens

<400> 362

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tctcctgcct cagcctcccc agtagctggg attacaggtg tgcgccactg cgcctggcta 420
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 cctgacctca ggtcatccac ccacctcggc ctcccaaagt gctgggatta cagacatgag 540
 ccactgtgct cagcctcaaa tcataaactt tttaaaggnt tatccctgac cctctaaatt 600
 aggttatgtg ccttgnata tgctctttta gcacttatcc taattgngat tggg 654

<210> 363

<211> 743

<212> DNA

<213> Homo sapiens

<400> 363

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 tccaccacaa ccaggcagcg aagaagtagg cagaaccccc agtcgcccc tcaggactcc 180
 agtgtcactt cgaagcgaat tattaataag ggagccgttc cccgctctat cccaatcta 240
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<210> 364

<211> 717

<212> DNA

<213> Homo sapiens

<400> 364

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<210> 365

<211> 787

<212> DNA

<213> Homo sapiens

<400> 365

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agatcactgg aaaggacccg aggcctcggg tctaatecct ggcttatcac taactgctgt 480
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<210> 366

<211> 832

<212> DNA

<213> Homo sapiens

<400> 366

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 aaaaaatta gctgggtgtg gtggtgcatg cctgtagtcc cagctactcg ggaggctgag 240
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 ggggagggca ggattcgtgc atctgggggc caaacacatg ttccgtcttg attgccttaa 540
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 acgtgaatat ttatacagta gcctcttcan gctttgtaat tttcattcca aaaatgcccc 780
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<210> 367

<211> 652

<212> DNA

<213> Homo sapiens

<400> 367

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ggcagcgacg gtgtcaccta cggcagtgcc tgcgagctac gggaagccgc tgcttcagca   600
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<210> 368

<211> 859

<212> DNA

<213> Homo sapiens

<400> 368

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tggcttcaga ctctggacat taatgtgaag gccccagccc tgatgacaaa ggcagtgggtg   180
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 cttacaatgt cagtaaaaca gccttgctgg gcctgaccaa gaccctggcc atagagctgg 720
 ccccaaggaa cattaggggtg aactgcctac acctggactt atcaagacta gcttancngg 780
 atggtgaaga aaggagctt tgcatttgac tgggaccct tagnaaggcat tcattctttt 840
 ggacaaggga agcccacta 859

<210> 369

<211> 709

<212> DNA

<213> Homo sapiens

<400> 369

acttccgctg tcccgcgaag ggcgggggga gcgaactgtt gtggtgcgga gcgttcggcg 60
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 ggggtggagt gggccggacg agccgcgggg cccgggtgcc gcgggttcga ggccgggccc 180
 cgcgcgagga ggccgcgcca ccccggggga gctgcccggc agcgagtttg ccccgtgcc 240
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 tctgggcccc cggcagaagg ctctccggg tgacccccgg cggggccctg cgagccgcgg 420
 gagccgaccc cggggcctcg agccgggagg aagggggctt ccggaggcgg agggccgggg 480
 gccgaggag ccgggcctct cggacgcggg gcagggcagc gcccgggctg gagacggact 540
 ctgggaccct cggctgcggg ggtctcagcg acctgccgc ggcaagcgcg gccgcggagt 600
 ggctaccggg gacccttccc caganggacc ggcccggggc cggggagatg aacgnttca 660
 agcaccggaa ggangacaag cccgcgaaag ggcccccg cggcccca 709

<210> 370

<211> 792

<212> DNA

<213> Homo sapiens

<400> 370

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aatggagtgg ttatctttgg aaaataaact gtaacacttg gagcaacagt cctgagtgga 60
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ttttctgcta tgtcacatcc catccgttag aatcttccgg atactatata tcatagttag 180
tggtctcttg aattcagcaa ttccatatct aaagagattc ttgaagacac catgttgtac 240
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tgctgggatt gcaggcgtga gccaccatgc ctggccgatt ttttatttta acgttttggt 360
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attttgggac tgatacagat ccacagaggc cacacctaaa attaaattat cgtagtgct 480
aaaacttaat tgactgtgta tataactgtg caattgctgt tactgatata actgtttggg 540
gttcattcaa cagattaaag aagcaaggct ttgcatttaa cacacaaact aatgagatac 600
tgctttatac aagaatttta aaaacactgt catatggttt aagtgtagt taatgtcatg 660
cttatgtcat ataacatagc atgtagagt tctctagagg gacagaacta acaggatata 720
tgtacataag aaaggaggtt gattggcccg gtgtggcggc ttatgcctgt aatnccanca 780
ctttgggang cc 792
    
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<210> 371

<211> 827

<212> DNA

<213> Homo sapiens

<400> 371

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tagcactgat tttttaaacc tatggtgact gtattcatat tagacaaagt agaaattaga 60
    
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 caagaataaa tgatcttaaa tgtttatgca cctagtaaaa taatttcagt atacatggga 180
 agaaatagac aaattcacia ttgtgggtcag atttcagcac ccttccttca atagataata 240
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 ttgacttaat tggcgtttat agaacgtac tcaacagcaa actgcacact tttccaagc 360
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 gaatctggaa aaatatcttg taactgaaca tcacacttcc aaataacca ggggcacatc 540
 ctgagacatt aaaaacatct taacaaattt aaaagaatag aaaccataca aaatactttc 600
 tgagactaca gaattaaact aaaagttaat actgaaaaag tgctggaaat tttccaaata 660
 tttggaaatt aaacagtatg cttctaaata acccatggat caaaggaaaa atctcaagaa 720
 aaaatgggta aatatttttt aattttaatg gaaaattccg gnttatggaa accntgggtg 780
 gatcaagctg gaaacagggc ttcaaaaatt gggagcattt ngatgga 827

<210> 372

<211> 894

<212> DNA

<213> Homo sapiens

<400> 372

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 attcttgcga ggagggccag gcatgtacaa ggtagtgaag acgggaccct caggtcacaa 120
 catcagaagc tggcctaacc ttagaggat cccaattgga atggttagttc tgggaaacaa 180
 agtcaaagca gtgggagagg taaccaattc tgaagggaca tgggtgcaac tggatcagaa 240
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 gggcggaac cagtacctc gacatgaaga tgaacaagct cttctggatc agaattctca 360
 aactcctcct ccaagccctt tctcagtgc agcttttaaat aaaggggcaa gttgcagtgc 420
 ccaaggattt gattatggac tcggaaatag caaagttttg actgttttac ccactgcagg 480
 tgaccaactg agtgccatat tgaattccat tcagtcacga cccaatctcc cagctccttc 540

catctttgat caagctgcaa aacctccctc ttccctagta cacagcccat ttgtgttcgg 600
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 cagaaagttt atctgctagt gaatccctta tcttaaaatc tgatgtgca aaagttgang 840
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<210> 373

<211> 795

<212> DNA

<213> Homo sapiens

<400> 373

aagaagatga agaaggaaac caggtgaact cagcaaggca gactggctgc ttacttcagc 60
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 gtgcaggtgg acggcagtc gaggggctta tttcacttgc ttctcagtc aacttgatag 180
 gagaatccag catcttaaag ttgcatatgt gtagcactaa tgtttcttt taaatagttg 240
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 cggcggcaga ctggaataac accttacacc tttctggcct gcatttctgt agacttcact 480
 ctcaaggagg gagttttctt ttcttacgtt ttgacttttg cacaccatat gcactaggga 540
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 tcacagtata tcccttgagc ctcaccttat tgccagtgt agattttttc tttttaatct 660
 ctccgttttt gctaacgaaa acttgaaaag ctattttgga agcttaaatg ntttatcttt 720
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 cagtcagatg ggcat 795

<210> 374

<211> 725

<212> DNA

<213> Homo sapiens

<400> 374

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ataaagaagg aaaatttgtg attcactacc ccgaggaaga ccaaagtgtt aactggttat   60
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gcatgggtgt cagtactttg ggaggagtaa tcccagcact ttgggagggt aaggcaggag   180
gattgcttga gcccaggagt tcaagaccac cttcagcaac aaagtaagac tccatctcta   240
caaagaaaag aaaaaattag gtgggtgtgg tggtagactt gtggttccag atggtgggag   300
gctgagacgg gaggatcact tgattccagg agtttaaggc tgcagtgtt tgtgttcgtg   360
gcactgcact ccagcctggg tggcagagca agaccctgtc tcaagaaaaa agaaattgaa   420
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gtgacctgtg atacttctcc tagtagacac tgaatgatga gaagctgggg atcataggaa   540
tagctgtatt ttcaaagt ttgttggtta cgagttagga acctgatgca tccagctcca   600
gagtaaggnt tatttgccat ggtaacactg gataagtaca ttggtgcctg natttccaag   660
taatttatca tttctgnatt ttagtaaaca tacatatata cagaaaagtg cacaaataa   720
tggaac                                           725
    
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<210> 375

<211> 747

<212> DNA

<213> Homo sapiens

<400> 375

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aaaaaaaaaa aaagtttcca tttctttcaa atagagttgc tgcctgctat atgcaagaag   60
attggttcca gtacaccctg agtataccta aatccacaga tgccagctct ttataaaat   120
ggaatattcg catgtaccta cccacattct cctgtatact ctataaatgt ctagattaat   180
taaaatatct catgcattgt aaaagctgtg tacatagttg tattgtttag ggaatcataa   240
    
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gaaaaaaaat ctatatgtgt tcagtacaga cccaaccatt gcaggcctat ctacatcgta 300
 tatatcacct ataatgttac agtttcttgt ttcaatactc agattacttt tgtctaataga 360
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 gacatcaaga ccttcatcta tgttgaaga cccaggttct gattgaagat gttgactctt 600
 tgcaggaggc taatactaata gtcagcatct gttcagcttg agggctgaag atgttttgtt 660
 tgaanggtat gtcttcatat ttgcagatat ttagttagaa acattgggtt angaagctag 720
 ntctttttct ttgaatccct aaaaaaa 747

<210> 376

<211> 820

<212> DNA

<213> Homo sapiens

<400> 376

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 ccccgcccgg ccgcgggagc ctctgtggctg cgtcaccgcc gcccccccag acaagatgga 180
 caccgcggag gaagacatat gtagagtgtg tcggtcagaa ggaacacctg agaaaccgct 240
 ttatcatcct tgtgtatgta ctggcagtat taagtttata catcaagaat gcttagttca 300
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 accaatttat tctccagata tgccttcacg gttccaatt caagacatat ttgctggact 420
 ggttacaagt attggcactg caatacgata ttggtttcat tatacacttg tggcctttgc 480
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 cgtgagctca ctactgacgc tgccattaga tatgtgtca acggaaaatt tgttggcaga 600
 ttgtttgcag ggttgtttt tggtgacgtg cacactgtgt gcattcatca gcctggtgtg 660
 gttgagagag cagatagtcc atgggggagc accaatttgg ttggagcatg ctgccaccg 720
 tcaatgctgc gggcatcacc aaaatgaggc ttcagcagga aggaaatggt gcaanaaat 780

gttgctgctg atcaagcctg ntaaccacc agctganaac

820

<210> 377

<211> 861

<212> DNA

<213> Homo sapiens

<400> 377

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attccatttt aaccctaaaa tagctttttg tttcttttct taaaacatga ccatgatgca 180
tcgtcaatca aaataaactg aagtatttat taattacagc tgtattgatt tctactctaa 240
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ctctgaagct acaagtacag ccatgaggca gtggttaactg tcttagttgg agtctcagag 480
ctcatgcttc atttattccc aaggcaaggc actaaaaagc catagtttga gctggagcac 540
ttgccaactt gtatttctgc catttagaag gtgctcagtc cctacatcta aaatttgaag 600
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atgaaagcag agcaagcatg ttaagagacc cagactgcaa ataactttgg acgggttcag 780
tgtaattcaa agtgagtcac cctgcctcan ttaccgaatg acagctctga tgacagaact 840
tggaagagct acccngancg g 861

<210> 378

<211> 887

<212> DNA

<213> Homo sapiens

<400> 378

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 atgtatatga gcatgacaga gccgagccag gactatgtgc cagccagcca gtcctaccct 180
 ggtccaagcc tggaaagtga agacttcaac attccaccaa ttactcctcc ttcctcccca 240
 gaccactcgc tgggtcacct aactgccatg catcctagtc tcccaggaa catagccccc 300
 aagccgaata accaaatgcc agtgactgtc tctatagcaa acatggctgt gtccctcct 360
 cctccctcc agatcagccc gcctcttcac cagcatctca acatgcagca gcaccagccg 420
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 tcaaggaagt ggtttacca tggattgctt tgtacagtca aggcagttct ccattttatt 780
 agaaaaatca agntgctaag cactttagga ccatttgagc tttgggggtc accacttct 840
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<210> 379

<211> 862

<212> DNA

<213> Homo sapiens

<400> 379

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 tttaatcaac atgcaatatt ttatgtgcct tattaccatg tgttaagaag gtaatattca 180
 cgttacctag ctatttttta cattagccaa aaaaatatgg ttatgtgcaa atattgtgaa 240
 gaacatgcat gcaagtagtt tgcttattaa ccaggtttgg tgtcagccac acacttataa 300
 agctaataat tgctagctat taatattata acittagttc aaatattact gatgtctgtt 360

cttctaagac tgaatgttaa gattagaatt tagaatttag tacaagtatg tataaatcat 420
 ttcaacagaa aaaaatgaat gcaaatcagg aaccagctgg aggcagattt gcatgattat 480
 tttaatgctg tgacaggacg tgaacactca gaaattcgaa ttaggatgct tatttctcat 540
 atctacaatg agcactgagt ctctcttatg atgtggccag ctatcacctt gtgttatcag 600
 caaaccttac taatagaaat ttgagagtct aatatcaaac ttactcttcc tatttgnttt 660
 ctctgagccc tgggttagaa gactgatatg aaataagcat ttttactata ctgagctatc 720
 cgtatcattt cattattggt gttgcttaga aattctncac aggnnttcaa aagataaatc 780
 atgccatttg attatcagca ccatttggcc aatcagcacc caaatcaatg gactcttgcc 840
 tggcagccct nttaaaaaaa tn 862

<210> 380

<211> 581

<212> DNA

<213> Homo sapiens

<400> 380

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 aggcggaggg agacggtggc agtcgtccgc ggggccctgg gctctcgcgg cgaggccctg 180
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<210> 381

<211> 673

<212> DNA

<213> Homo sapiens

<400> 381

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<210> 382

<211> 858

<212> DNA

<213> Homo sapiens

<400> 382

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cttggacccc agtgctgcta attagattca tgccttgttc tttagggcag aagttcctct 300
cttggctatt ttcttagta tgctgagaac taggattccc tticagtac agagtctgc 360
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 cgtgcttgta agcattgact ttaatgtctg ggatgatccg ctagagtcca tggnacccn 780
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<210> 383

<211> 767

<212> DNA

<213> Homo sapiens

<400> 383

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<210> 384

<211> 779

<212> DNA

<213> Homo sapiens

<400> 384

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gatcagatgg ttttaggtgt gtggtcttat ttctgagttc tctattctgt tccattggtc 180
tatgtgcatg tttttgtacc agtaccatgc tgctttggtt actgtagcct tgtaatatag 240
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aagaatgtca atagtagttt aatgggaata gcactgaatc tataaattac tttgggcagt 420
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ttttgcacat tgattttata tncccagctt tgctgaagtt gcttatcagc ttaanaactt 720
ttgcactgag acaatggagt tttctaggnc aggatcatgg catctgcaac caagataat 779

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<210> 385

<211> 715

<212> DNA

<213> Homo sapiens

<400> 385

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aagtcccccta taccxaaata tggtttaggc ttgattgaaa acttagcttg ggcatttttc 60
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<210> 386

<211> 747

<212> DNA

<213> Homo sapiens

<400> 386

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747

<210> 387

<211> 812

<212> DNA

<213> Homo sapiens

<400> 387

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<210> 388

<211> 890

<212> DNA

<213> Homo sapiens

<400> 388

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<210> 389

<211> 624

<212> DNA

<213> Homo sapiens

<400> 389

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<210> 390

<211> 590

<212> DNA

<213> Homo sapiens

<400> 390

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<210> 391

<211> 788

<212> DNA

<213> Homo sapiens

<400> 391

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<210> 392

<211> 859

<212> DNA

<213> Homo sapiens

<400> 392

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<210> 393

<211> 614

<212> DNA

<213> Homo sapiens

<400> 393

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<210> 394

<211> 752

<212> DNA

<213> Homo sapiens

<400> 394

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<210> 395

<211> 685

<212> DNA

<213> Homo sapiens

<400> 395

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<210> 396

<211> 812

<212> DNA

<213> Homo sapiens

<400> 396

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<210> 397

<211> 815

<212> DNA

<213> Homo sapiens

<400> 397

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<211> 840

<212> DNA

<213> Homo sapiens

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<211> 830

<212> DNA

<213> Homo sapiens

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<211> 850

<212> DNA

<213> Homo sapiens

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<211> 730

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<211> 853

<212> DNA

<213> Homo sapiens

<400> 403

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<211> 864

<212> DNA

<213> Homo sapiens

<400> 404

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<210> 405

<211> 830

<212> DNA

<213> Homo sapiens

<400> 405

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<210> 406

<211> 848

<212> DNA

<213> Homo sapiens

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<210> 407

<211> 846

<212> DNA

<213> Homo sapiens

<400> 407

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<210> 408

<211> 838

<212> DNA

<213> Homo sapiens

<400> 408

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<210> 409

<211> 844

<212> DNA

<213> Homo sapiens

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<210> 410

<211> 827

<212> DNA

<213> Homo sapiens

<400> 410

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<211> 834

<212> DNA

<213> Homo sapiens

<400> 411

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<211> 833

<212> DNA

<213> Homo sapiens

<400> 412

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<211> 678

<212> DNA

<213> Homo sapiens

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<211> 789

<212> DNA

<213> Homo sapiens

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789

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<211> 284

<212> DNA

<213> Homo sapiens

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<211> 771

<212> DNA

<213> Homo sapiens

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<211> 866

<212> DNA

<213> Homo sapiens

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<211> 797

<212> DNA

<213> Homo sapiens

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<210> 419

<211> 800

<212> DNA

<213> Homo sapiens

<400> 419

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<210> 420

<211> 823

<212> DNA

<213> Homo sapiens

<400> 420

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<210> 421

<211> 832

<212> DNA

<213> Homo sapiens

<400> 421

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<210> 422

<211> 853

<212> DNA

<213> Homo sapiens

<400> 422

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gcctatggca	ggaggacact	gcaagataat	atatcaaagg	atgagggagt	caagagtatt	420
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<210> 423

<211> 872

<212> DNA

<213> Homo sapiens

<400> 423

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<210> 424

<211> 859

<212> DNA

<213> Homo sapiens

<400> 424

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 ggcttgatgg agatctctcc atggaagaag ccattcttgn aaaacgtttg gaatcgacac 780

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ttgcttanag gagaaggcc 859

<210> 425

<211> 760

<212> DNA

<213> Homo sapiens

<400> 425

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<210> 426

<211> 877

<212> DNA

<213> Homo sapiens

<400> 426

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 ccaatcttgg attttaatgg gaaatgtggg ccccaaaatg accgaacata ggacattcta 840
 aagttccttg gattggatca ttataagaaa gngnggg 877

<210> 427

<211> 866

<212> DNA

<213> Homo sapiens

<400> 427

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 agttttttta ttttttattt tttttaagct catcaactat cattagtgtt ttttatgtgt 180
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 gntgtccagt ggaagcttca tgaacaaaag atagnaatta tgccaataaa tggtgaaaga 780
 cttttggata tttatccaat tatttataaa tataanggct tggaaagaat ggccatgntg 840
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<210> 428

<211> 765

<212> DNA

<213> Homo sapiens

<400> 428

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<210> 429

<211> 848

<212> DNA

<213> Homo sapiens

<400> 429

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<210> 430

<211> 832

<212> DNA

<213> Homo sapiens

<400> 430

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ctagaagagt tccggtccga ttctgcgaaa gaggaagtga gagaaagcgc gtactacctt 60

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<210> 431

<211> 603

<212> DNA

<213> Homo sapiens

<400> 431

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<210> 432

<211> 880

<212> DNA

<213> Homo sapiens

<400> 432

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<210> 433

<211> 840

<212> DNA

<213> Homo sapiens

<400> 433

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<210> 434

<211> 912

<212> DNA

<213> Homo sapiens

<400> 434

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 actcacactt attagaccat atgttctctat attagttcag gaagggggaa aaaatgttca 180
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 gggtattgga ttcaatgcct ttttggtcna naaatctang gtttcttcca cttcanggae 840
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 cagctttttg aa 912

<210> 435

<211> 791

<212> DNA

<213> Homo sapiens

<400> 435

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 aggtagcggg cccttgtgcg cggttggtag taccagggc ttanagcgag cgcgcacccg 180
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 cactngntaa gccccacta ggctgctgct ctttccaaag ggaangggct gggggaacca 720

ggaaggaagc ccacccccac acctgcatct gnetgggttc aaccaggtaa agggacttac 780
tgggatcgng g 791

<210> 436

<211> 751

<212> DNA

<213> Homo sapiens

<400> 436

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cgggccgcgc gaaggacagg aggaataaa gattttattt tatcatcaa atgaggtaga 180
aaagaatgag aagattagaa atgtcggatt gtgtgaagct attgtacagt ttacaaggac 240
atttagccca tcaaaacctg caaaatcttt acatacacag aagaacagac agttcttcaa 300
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aagtttatca aactttgtag gttgttcgga atcctataat tgaaaaacag agttcanatg 660
gaaaaccagt tattgaatat caagaggagg agttgtttgg taatggtgtc attggttggt 720
taatnattta tttttttaa tgnattgctg a 751

<210> 437

<211> 780

<212> DNA

<213> Homo sapiens

<400> 437

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 atattttgga gagaacagat taagaagtac acaggctgct acccaagttg ttctgaatgt 180
 tcctgaaaca agagtaacat gtttagaaag tggactcaga gtagcttcgg aagactctgg 240
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 ccagttagat ctggaacttg agattgaaaa tatgggtgct catctcaatg cctatacctc 420
 cagagagcag actgtatact atgccaaagc attctctaaa gacttgccaa gagctgtaga 480
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 ttatcttcat gccacagctt atcaaaatac tgcacttgga cggacaattt tgggaccaac 660
 tgaaaatatac aaatctataa gtcgtaagga cttantggat tatataacca cacattataa 720
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<210> 438

<211> 872

<212> DNA

<213> Homo sapiens

<400> 438

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 ccacagtaaa gcttttttaa tggatgtaat aacctgatta taacattaat ctgaaagtca 180
 tcaggcataa agcaattttg attacatctc aaaacaatcc atggagttag ggtaaattgt 240
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 ggtaaaatga gatactattt ttcaatactt ggaaatggca gatttttaaag attggtgata 840
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<210> 439

<211> 863

<212> DNA

<213> Homo sapiens

<400> 439

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 cttctctgcc agtaagcctt ttgctagcta acatttccca ccttcccaag gcccctaacc 180
 tgccctcccc tctccactat gttagtatat ctacctctgt ttctgactct gaggaagggt 240
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 ttcaatccag tctttcctgg ttctgcagat ggtaggtagg cgttctgcaa ccttaaccc 780
 cctggaactn ttcaaaagac ccttatagg ngggttcaat ggtctgaacc ccagaaccn 840
 tgaaagtcca ggatcttctt tca 863

<210> 440

<211> 640

<212> DNA

<213> Homo sapiens

<400> 440

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ccgggcgctg agactccggc cgcgcagctg ggagctgccc gcgctgcgct gacagccgcg   180
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aggggctgag cggcggcgtc cctggcccgg nttggcgga ggtggtgtgc agcggngggg   600
acctcccgga gcctcccga cccggncttc tgcctaacgg   640
    
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<210> 441

<211> 823

<212> DNA

<213> Homo sapiens

<400> 441

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tggaattaca gctatagcgg cagtgtatat aggattgctt tttctcgtct tcctgggttc   180
tgaagtaacg gaagctacct tgtataaaga cctcaacact gctgaccatg atcagcgcag   240
cctggagcat ctctctcatc gggactaaaa ttgggctgtt ccttcaagta gcacctctat   300
    
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cagttatggc taaatcctgt ccatctgtgt gtcgctgcga tgcgggtttc atttactgta 360
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 ttcagaacaa ccaaataaat aatgctggga ttccttcaga ttgaaaaac ttgctgaaag 480
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 accttagcac aattccctgg ggtttgncca ggactattga agactacgct tggatgataa 780
 tcgcatatnc cctatttcat caccatctnt tcaaggctca cta 823

<210> 442

<211> 852

<212> DNA

<213> Homo sapiens

<400> 442

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tcattctggtg atggatgctt ggggtggttt caccctttgg ctattgggga ataatgctga 840
aatgaacact gc 852

<210> 443

<211> 834

<212> DNA

<213> Homo sapiens

<400> 443

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ctttctttca aaccttttaa ttncgacaac atttagctta aggcaaattt tatctttggt 180
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tgttagtga cctgcgaag gggatggcat cctggccagg gttgggncct cctttggccc 780
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<210> 444

<211> 634

<212> DNA

<213> Homo sapiens

<400> 444

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 gggtgcagtg agccgagatc gtgccactgc actccagcct ggatgataga gggagactct 600
 gtcgcaaaaa aaaaagaana gaanaagaan agaa 634

<210> 445

<211> 852

<212> DNA

<213> Homo sapiens

<400> 445

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 cttaatgatg ttctttgcat tgagttatta ttcagttgta tctttgcca catagaaaaa 240
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<210> 446

<211> 853

<212> DNA

<213> Homo sapiens

<400> 446

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<210> 447

<211> 851

<212> DNA

<213> Homo sapiens

<400> 447

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ataacattat agattttgta aaaagagaaa aaagtattag aattatctta acattaggct 180
tccctaagta ctctttctga gttaaccaat tgctttttta attatagctt ttcagctac 240
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<210> 448

<211> 687

<212> DNA

<213> Homo sapiens

<400> 448

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cagcccattc ttttctggat gtctaactcc atcgagctcc tgtactttat ccagcagaaa 180
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<210> 449

<211> 874

<212> DNA

<213> Homo sapiens

<400> 449

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aaaccggtaa cccaaaaatt aagggtgggac tcaaaggact aaaaatatgg ttggtaaaat 780
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<210> 450

<211> 746

<212> DNA

<213> Homo sapiens

<400> 450

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<210> 451

<211> 787

<212> DNA

<213> Homo sapiens

<400> 451

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<210> 452

<211> 784

<212> DNA

<213> Homo sapiens

<400> 452

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<210> 453

<211> 851

<212> DNA

<213> Homo sapiens

<400> 453

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<210> 454

<211> 526

<212> DNA

<213> Homo sapiens

<400> 454

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<210> 455

<211> 845

<212> DNA

<213> Homo sapiens

<400> 455

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 gaagtanagc accatacact gagatacagc ttaagttagt acataattga ctagagttgt 780
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<210> 456

<211> 794

<212> DNA

<213> Homo sapiens

<400> 456

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794

<210> 457

<211> 846

<212> DNA

<213> Homo sapiens

<400> 457

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<210> 458

<211> 425

<212> DNA

<213> Homo sapiens

<400> 458

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<210> 459

<211> 868

<212> DNA

<213> Homo sapiens

<400> 459

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<210> 460

<211> 819

<212> DNA

<213> Homo sapiens

<400> 460

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gtatttttag tagagacagt gtttcgccat gttggccang ctggtctcga actccggacc 720
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<210> 461

<211> 415

<212> DNA

<213> Homo sapiens

<400> 461

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<210> 462

<211> 856

<212> DNA

<213> Homo sapiens

<400> 462

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856

<210> 463

<211> 827

<212> DNA

<213> Homo sapiens

<400> 463

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<210> 464

<211> 863

<212> DNA

<213> Homo sapiens

<400> 464

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<210> 465

<211> 858

<212> DNA

<213> Homo sapiens

<400> 465

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<210> 466

<211> 590

<212> DNA

<213> Homo sapiens

<400> 466

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<210> 467

<211> 800

<212> DNA

<213> Homo sapiens

<400> 467

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<210> 468

<211> 696

<212> DNA

<213> Homo sapiens

<400> 468

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 agcctctttt tttaaagtgt cagagcccta taaaatattg ttaataaata attttaacat 180
 aaaaagaggt acagatttac agatgtacat gcagtataaa atgataacct caagcatacc 240
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 gctgccaatc ccccttgcgt gtcccccggc attatcttct ttctcgacca ccactgatga 600
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 ctttttagac tcatttgggc cccttnactt aagaan 696

<210> 469

<211> 869

<212> DNA

<213> Homo sapiens

<400> 469

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 ctttatttca tgaaattcct tgagaaaact tcaacagtaa agaaagaaat ttcgttcac 180
 tcacaactct tccaaacgag gaaacttagt gaaatatttc agagcttcta gatgtgaggt 240
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<210> 470

<211> 822

<212> DNA

<213> Homo sapiens

<400> 470

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aaattgagtg acacctttta ggctacagta cttgattttt taacatcttt tctgttgggg 180
ctttgactag ttctgcagaa agggattggg acaaaaccag gagtttgta ttttagttt 240
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<210> 471

<211> 798

<212> DNA

<213> Homo sapiens

<400> 471

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 gacgtgaac ttgccacttg agcccccaag ggactgtgcc gaactgcaat ggagtttcag 720
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<210> 472

<211> 862

<212> DNA

<213> Homo sapiens

<400> 472

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 aagtatcact tttagaggca gaggagcgga aggcagtggg tgtgaccaa agtgccattt 240
 gttaaagctt atcttccttg ccagatttta aaaactatta tggaaaatct caagcattca 300
 caaaagtaga gagaaagaaa ggactctcag actgttgag cagaactact gagaaaaacc 360
 aggcattgta tcttcagttg tcatcaagtt cgcaatcaga ttggaaaagc tcaacttgaa 420
 gctttcttgc ctgcagtga gacagagat agatattatt cacgtaataa aaaacatggg 480
 cttaacctg actttccacc ttctctacaa attccgatta ctgttgctgt tgactttgtg 540

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 ttacctcaga ggccagagca agctcatttt caaaccagat ctcactttgg aagaagtcag 780
 gcagaaaatn ccaaagtgtc cagaagccgg tatcggcctc aggaatgtaa gcttacagan 840
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<210> 473

<211> 811

<212> DNA

<213> Homo sapiens

<400> 473

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 gcctccctga tgctgcgggg gcgacctga gcgtacagcg gcttccctcg gtggggaccc 180
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<210> 474

<211> 866

<212> DNA

<213> Homo sapiens

<400> 474

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atgtaaataa acatataaac agaaatgttg ataaaccaac ttctgagcaa attaacaagt 300
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tcggcctagg atgatcaggg aagcgctttt taggtgggtg acatgtgagc agaaagacct 420
gcctgaagag aagggataaa ccagcaaagg cctgggggaa gcattttaga cagagagaca 480
catggtgcag agaccatgag ctgagaagga gcctggcatg tccaggggct gacagaacac 540
tggtaatgtc acagggtgtg gaagaactgg cataggtgag gtcagagcat atagaaagag 600
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<210> 475

<211> 864

<212> DNA

<213> Homo sapiens

<400> 475

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taaaaaagaa aatctggaca atagatgtgg actccaaggg gccactgcca tcccttcctg 180
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 agttatttgt atttataiat aagtacatca gaacttgccc acatgataac tcatggttgc 780
 ttttaataagg gaaaatatgt tatttgangg taattatatg atagtgagga acattttaca 840
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<210> 476

<211> 861

<212> DNA

<213> Homo sapiens

<400> 476

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 aaataaaatt atgtttgcac catagctttc taagaaaaaa aaatgtgttt ttaactgagt 780
 cttagttgct tagtgctttt attgggggat ttttagactg tattttaacc acacttccaa 840
 ggatcatgtt cattgcctta c 861

<210> 477

<211> 866

<212> DNA

<213> Homo sapiens

<400> 477

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<210> 478

<211> 857

<212> DNA

<213> Homo sapiens

<400> 478

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ccagaaagtt cattttgntc tttctgaaaa caacctgat tataagatgc ttctgaaaca  780
cggaagtgag agaacatgtt gtacagagaa catgcacctt ttgccctgcc ccatgnacct  840
atgctaagca tttataa                                     857
    
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<210> 479

<211> 862

<212> DNA

<213> Homo sapiens

<400> 479

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 ccgggcagca catgggagtc aatggcctat ggnangagaa agaggttgcc cttcctgaag 840
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<210> 480

<211> 865

<212> DNA

<213> Homo sapiens

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 ggatgcctca gactttatat tcgtggttta ttttcaattc tggtcattgt attggctctt 780
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<210> 481

<211> 745

<212> DNA

<213> Homo sapiens

<400> 481

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 tatcttctcc aaagccagag ccaccttctt gtcttagtgc atttttagca gtgccccgtc 660
 atcttactgg cattcacctg ggctttnctgn gctcaatcag gggccaagtc tggcctgatc 720
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<210> 482

<211> 755

<212> DNA

<213> Homo sapiens

<400> 482

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<210> 483

<211> 876

<212> DNA

<213> Homo sapiens

<400> 483

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<210> 484

<211> 797

<212> DNA

<213> Homo sapiens

<400> 484

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<210> 485

<211> 832

<212> DNA

<213> Homo sapiens

<400> 485

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<210> 486

<211> 762

<212> DNA

<213> Homo sapiens

<400> 486

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<210> 487

<211> 852

<212> DNA

<213> Homo sapiens

<400> 487

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<210> 488

<211> 806

<212> DNA

<213> Homo sapiens

<400> 488

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<210> 489

<211> 889

<212> DNA

<213> Homo sapiens

<400> 489

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<210> 490

<211> 723

<212> DNA

<213> Homo sapiens

<400> 490

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 cttgcaagaa actctgaaat aaccttcaga acacaaaaaa ctggaggttc tataacctaca 660
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<210> 491

<211> 808

<212> DNA

<213> Homo sapiens

<400> 491

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<210> 492

<211> 874

<212> DNA

<213> Homo sapiens

<400> 492

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<210> 493

<211> 834

<212> DNA

<213> Homo sapiens

<400> 493

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<210> 494

<211> 823

<212> DNA

<213> Homo sapiens

<400> 494

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<210> 495

<211> 752

<212> DNA

<213> Homo sapiens

<400> 495

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<210> 496

<211> 465

<212> DNA

<213> Homo sapiens

<400> 496

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<210> 497

<211> 830

<212> DNA

<213> Homo sapiens

<400> 497

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<210> 498

<211> 847

<212> DNA

<213> Homo sapiens

<400> 498

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<210> 499

<211> 819

<212> DNA

<213> Homo sapiens

<400> 499

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<210> 500

<211> 711

<212> DNA

<213> Homo sapiens

<400> 500

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<210> 501

<211> 840

<212> DNA

<213> Homo sapiens

<400> 501

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 tggaagggga aggaaaggag aatgagacag ccaaaaactt ggctaactgg tactgaagtg 780
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<210> 502

<211> 745

<212> DNA

<213> Homo sapiens

<400> 502

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<210> 503

<211> 812

<212> DNA

<213> Homo sapiens

<400> 503

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<210> 504

<211> 792

<212> DNA

<213> Homo sapiens

<400> 504

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tttgacctgg agagggctaa aatcaatatt taatcctcag agcttcacct gtcaaaacta 180
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<210> 505

<211> 726

<212> DNA

<213> Homo sapiens

<400> 505

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<210> 506

<211> 762

<212> DNA

<213> Homo sapiens

<400> 506

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attgcagggg gccaggtgat ggncattaat tcagtgacac cagattttcc tctgagagca  720
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<210> 507

<211> 786

<212> DNA

<213> Homo sapiens

<400> 507

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 gtaana 786

<210> 508

<211> 860

<212> DNA

<213> Homo sapiens

<400> 508

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<210> 509

<211> 678

<212> DNA

<213> Homo sapiens

<400> 509

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<210> 510

<211> 769

<212> DNA

<213> Homo sapiens

<400> 510

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<210> 511

<211> 802

<212> DNA

<213> Homo sapiens

<400> 511

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<210> 512

<211> 782

<212> DNA

<213> Homo sapiens

<400> 512

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